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JEFFREY

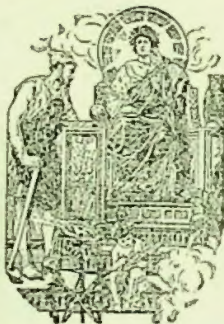
CHAINS & MATERIAL HANDLING MACHINERY

CATALOG
NO. 416

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JEFFREY

Chains and Material Handling Machinery



**CATALOG
NUMBER**

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The Jeffrey Manufacturing Company
Columbus, Ohio

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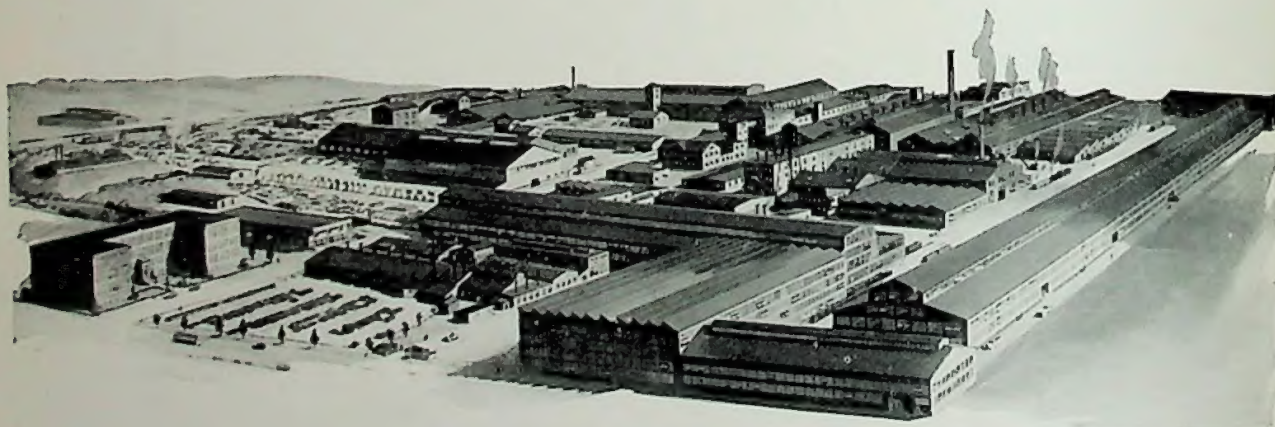
The Complete Jeffrey Line

A Service to Every Industry

TS
445
J46

Apron Conveyors
Belt Conveyors
Chain Conveyors
Scraper Conveyors
Cable Conveyors
Spiral Conveyors
Bucket Conveyors
Portable Conveyors
Bucket Elevators
Tray and Arm Elevators
Portable Loaders
Portable Unloaders
Bag Stackers
Complete Coal and Ash
Handling Equipments
Crushers
Pulverizers
Shredders
Screens, Valves, Etc.
Fans and Blowers
Chains, Sprockets, Gears, Bearings
Complete Coal Mine and Tipple
Equipments

Detailed information on any of the above equipment, not covered by this Catalog, will be found in our separate catalogs, furnished upon request.



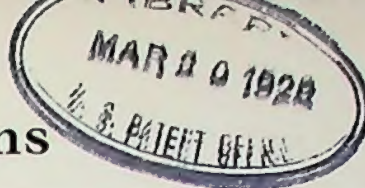
The Plant Behind This Broad Service

Established 1877

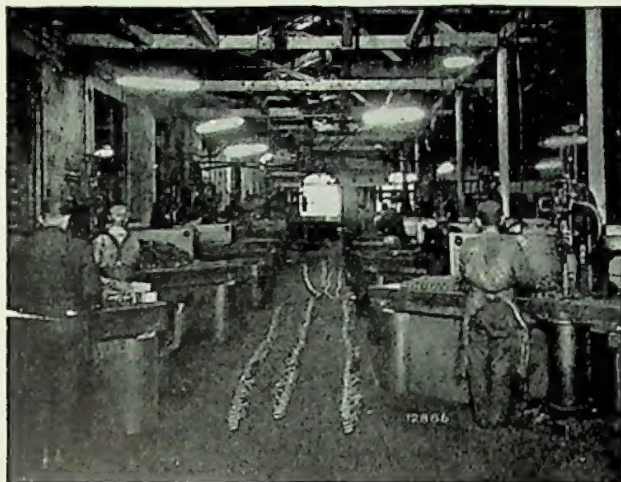
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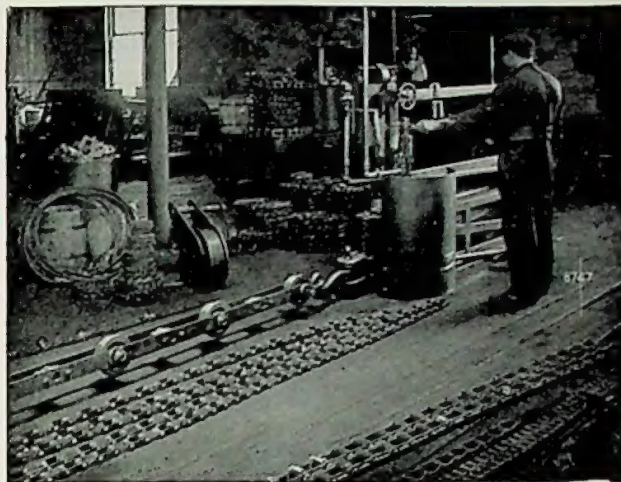
Jeffrey Chains



21787



Chain Assembly Room, where Jeffrey Chains are assembled by skilled workmen of many years experience



Testing Room, where every Jeffrey Chain is tested at a strain greatly in excess of its average working strength

THE chains listed in this catalog under "Stock Sizes" substantially cover the various types, sizes and attachments required in the solution of the general run of Material Handling problems. These Stock Sizes, therefore, have a wide range of application and enjoy an active demand.

The "Made On Order" sizes, as their designation implies, have been made to meet the exacting requirements of some particular problem and the demand for same does not justify their being carried in stock by the Manufacturer. It is therefore suggested that users of these special sizes sufficiently anticipate their requirements to avoid unnecessary delay.

Jeffrey Engineers and Metallurgists are constantly striving to improve the design and quality of Jeffrey chains and at the same time preserve the interchangeability feature which is so essential in products of this nature. Jeffrey chains are of a Balanced Construction. They are designed to equally withstand the stresses of the several mechanical forces to which they are subjected, such as, tension in the Side Bars, Bending and Shearing of the Pins and Bushings, Fixed Bearing of the pins in the Side Bars and Wearing Bearing between the pins and their bearings. As a result of this Balanced Construction they are not burdened with an excess of metal which is useless dead weight.

"Stock" sizes are usually carried in stock for prompt shipment of reasonable requirements, and when ordered, the exact amount specified is furnished.

Either cataloged "Made On Order" sizes or "Odd" sizes not cataloged are only made upon order. To obtain the

specified amounts of correct parts it is necessary to make a slight excess to cover normal manufacturing hazards and rejections in process. Should the exact amount specified result, this only will be shipped to the customer. However, because of the special nature of "Made On Order" and "Odd" sizes, the amount of the over-run will be shipped and invoiced to the customer. The maximum amount of the over-run for malleable chains and other cast parts will be limited to 10%, and for punched steel chains, etc., to 5%. No more than these percentages will be invoiced.

Where a "Made On Order" chain attachment is interspersed with a "Stock" size or style, the specified amount of "Stock" material only will be shipped, but the amount of "Made On Order" or "Odd" attachments manufactured to cover the order will be shipped loose. These loose parts will not exceed the proper maximum allowable percentage of over-run.



Prompt shipments of Standard Chain from Stock

Jeffrey Chains

General Index and Service Application



Detachable Link



Reliance



Hercules



Mey-Oborn



Pintle



Peerless



Atlas



Malleable [Roller]

Detachable Link Chain—

A general service chain for drives of ordinary uniform service and for elevators and conveyors in non-gritty materials or in slightly gritty materials where partially protected—also packages, barrels, boxes, etc. Use Carried in Stock Sizes and Attachments, pages 14, 16 and 17.

Reliance Chain—

An intermediate step between a riveted Mey-Oborn and a Hercules Chain. It is well adapted to elevator service of moderate speeds under semi-gritty conditions and is popular as a drive chain. Works over many of the Detachable and Mey-Oborn Sprockets. Use Stock Sizes, page 46.

Hercules Chain—

An excellent hard service chain. See page 28. It is fitted to all kinds of heavy duty, especially single and double strand elevators in gritty, dry or damp materials. In the small sizes it makes a rugged drive chain. Use Stock Sizes, page 35.

Mey-Oborn Chain—

A Malleable Chain suited to the same and somewhat more severe service than the Detachable Link Chain; especially when put up with riveted pins. Works over the same sprockets as the Detachable Chain. Chain and Attachments made on order only. See page 26.

Pintle Chain—

A closed joint chain for general elevating and conveying work. The small sizes are used almost exclusively for drives. Sizes of corresponding pitch work in place of Detachable Chain of same sizes, see page 54.

Peerless Chain—

A chain fitted to the same service as the Reliance Chain, but possessing the added features of a hardened pin and a hardened renewable steel bushing having an internal and an external wearing surface. Use Carried in Stock Sizes and Attachments, page 61.

Atlas Chain—

This chain while having the general external appearance of the Peerless Chain is, in its working features, of practically the Hercules construction and is extensively used in semi or moderately gritty elevator service. Use Carried in Stock Sizes and Attachments, page 64.

Malleable Roller Chain—

The least expensive of the Roller Chains and well adapted to wood and steel Apron Conveyors; also Elevators and Conveyors handling non-adhesive, non-gritty bulk materials. Many of the shorter pitches make excellent drive chains. Note chain construction, page 65. Use Carried in Stock Sizes and Attachments, pages 74 to 76.

Jeffrey Chains

General Index and Service Application

Steel Thimble Roller Chain—

The finest type of Jeffrey Chains. See page 81. The smaller sizes make excellent drive chains while the larger sizes are especially adapted to aprons, elevators and conveyors of heavy duty. Not to be used in direct contact with sticky or gritty materials. Use Carried in Stock Sizes, pages 95 to 98.



Steel Thimble Roller
(Offset and straight side bar types)

Vulcan Chain—

This style of Chain is of the simplest construction of all steel side bar types and gives excellent service on ordinary single and double strand conveyors in non-gritty or semi-gritty materials. Use Stock Sizes, page 105.



Vulcan

Climax Chains (Drop Forged and Strap Types)

A rugged steel chain built in drop forged and welded steel types for heavy duty elevator and scraper conveyor service in gritty, semi-gritty and garbage acid conditions. See page 118.



Climax
(Drop Forged and Strap Types)

Flat and Round Steel Link Chain—

An all steel welded chain fitted to general elevator and conveyor service under the following conditions: non-gritty; partially protected dry semi-gritty; or liquidly semi-gritty materials, especially where corrosion has given trouble in the use of riveted chains. Use Carried in Stock Sizes, page 111.



Flat and Round Steel Link

Long Link Coil Chain—

This chain is extensively used in the Logging and Lumber industries. Also used in handling of slimes or in other liquidly semi-gritty conditions where materials cannot lodge in the joints of the chain. Can be readily repaired by any blacksmith. Use Carried in Stock Sizes, page 114.



Long Link Coil

Transfer Chain—

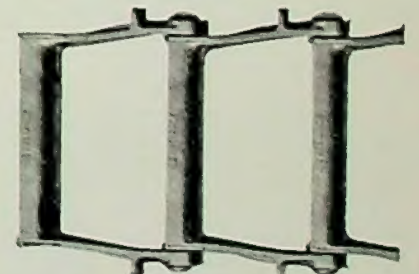
A chain extensively used in Stock Rooms and Warehouses. Two or more parallel strands are run in grooves placed in floor or platform for transfer of boxes, packages, bundles, etc. Use the Stock Sizes, page 53.



Transfer

Malleable Drag Chain—

Of the Reliance Type, by reason of its long pin bearing in its all malleable links, is especially fitted for medium capacities of gritty materials. See pages 50 to 52 and use the Carried in Stock Sizes.



Malleable Drag

Steel Drag Chain—

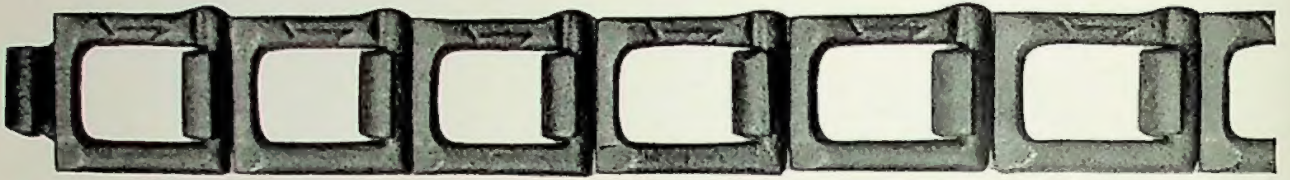
This is simply a widened-out Vulcan Chain with a self-contained cross-bar acting as a scraper. Used for medium capacities of non or semi-gritty bulk materials where space for conveyor is limited. See page 119.



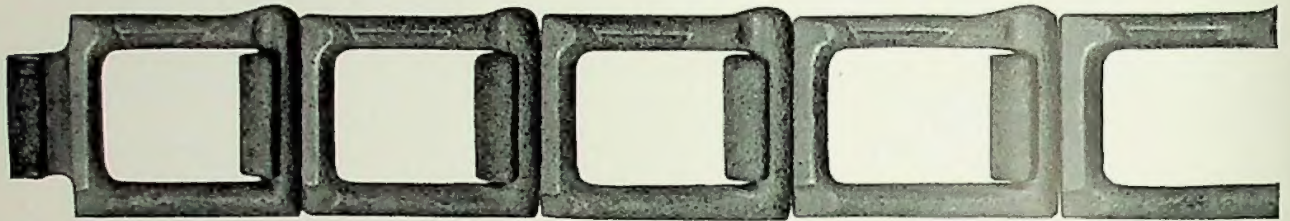
Steel Drag

Jeffrey Detachable Link Chains

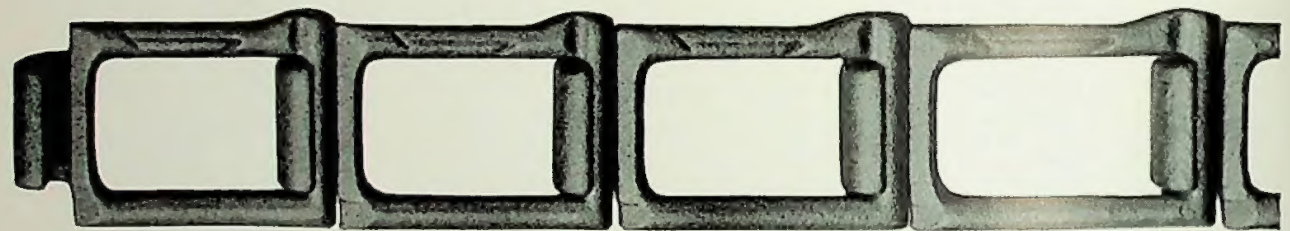
Shown approximately actual size



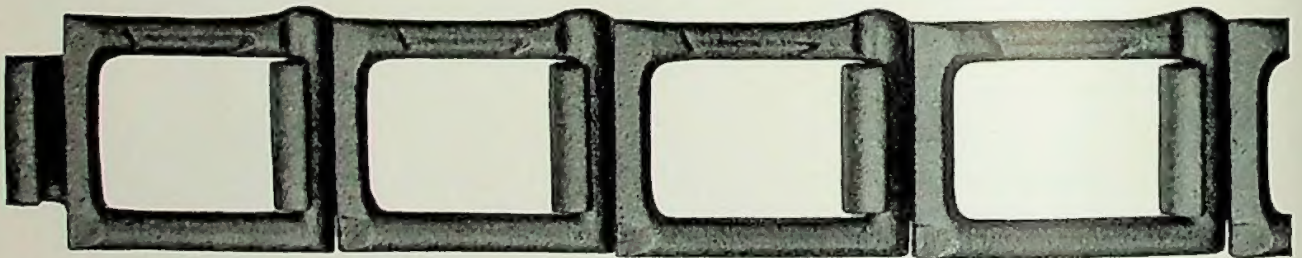
No. 25—Pitch .902 In. Average Ultimate Strength, 700 lbs. Use Sprockets No. 25.



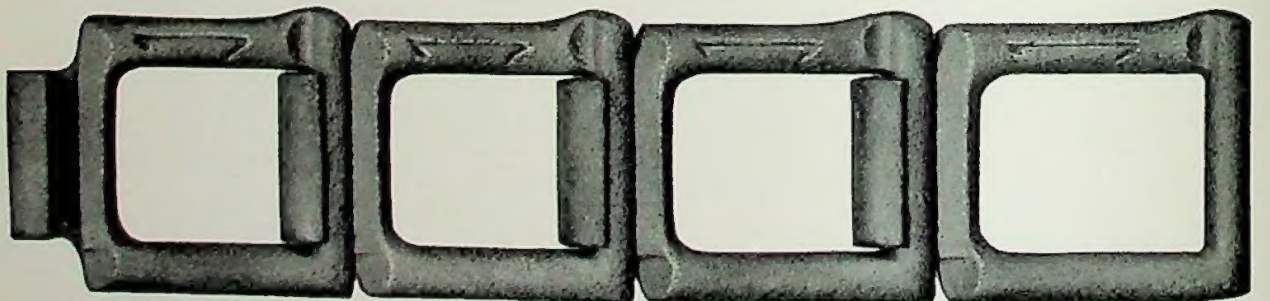
No. 32—Pitch 1.154 In. Average Ultimate Strength, 1100 lbs. Use Sprockets No. 32.



No. 33—Pitch 1.394 In. Average Ultimate Strength, 1190 lbs. Use Sprockets No. 33.



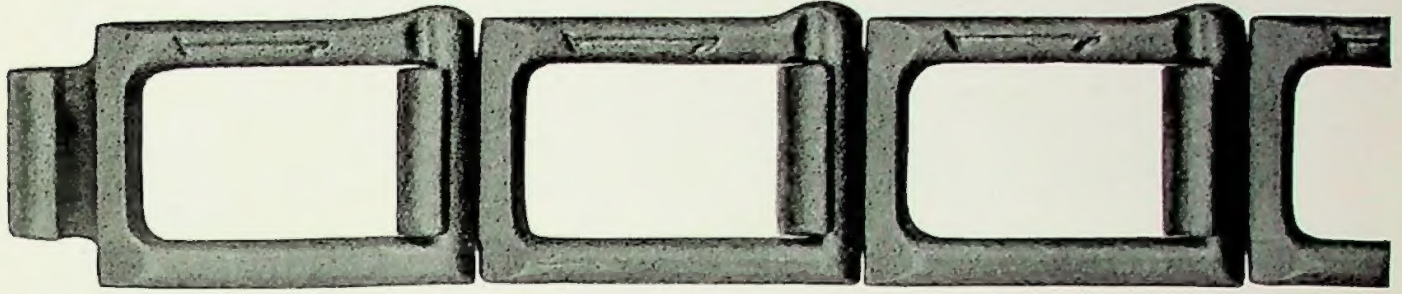
No. 34—Pitch 1.398 In. Average Ultimate Strength, 1300 lbs. Use Sprockets No. 34.



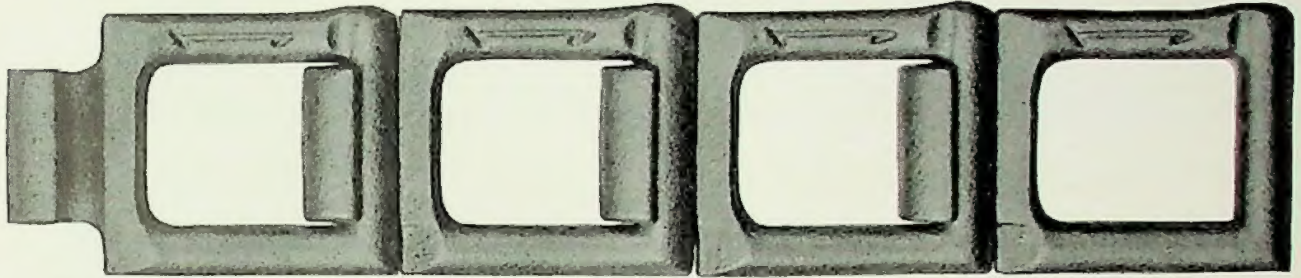
No. 42—Pitch 1.375 In. Average Ultimate Strength, 1500 lbs. Use Sprockets No. 42.

Jeffrey Detachable Link Chains

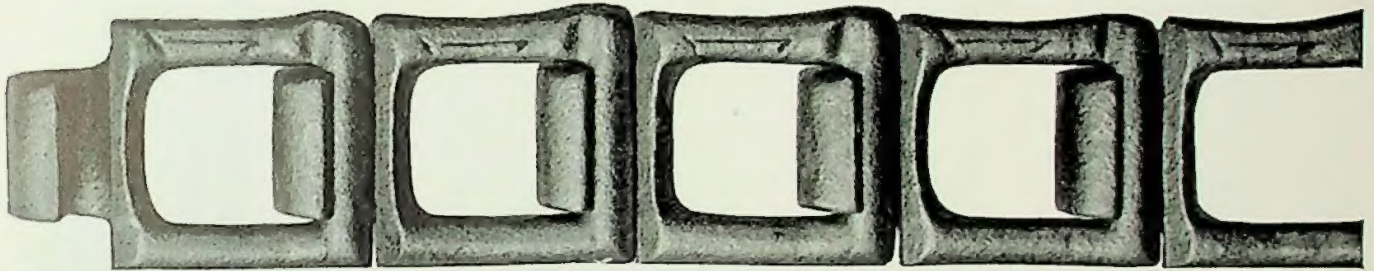
Shown approximately actual size



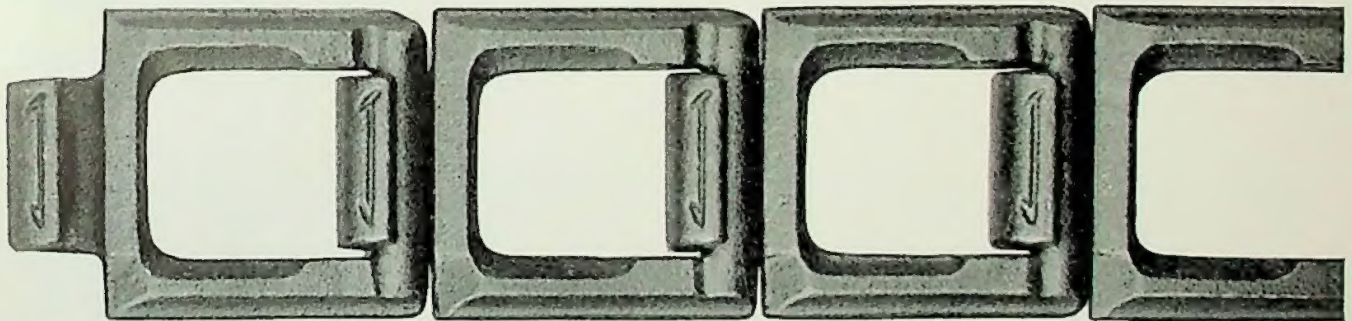
No. 45—Pitch 1.630 In. Average Ultimate Strength, 1600 lbs. Use Sprockets No. 45.



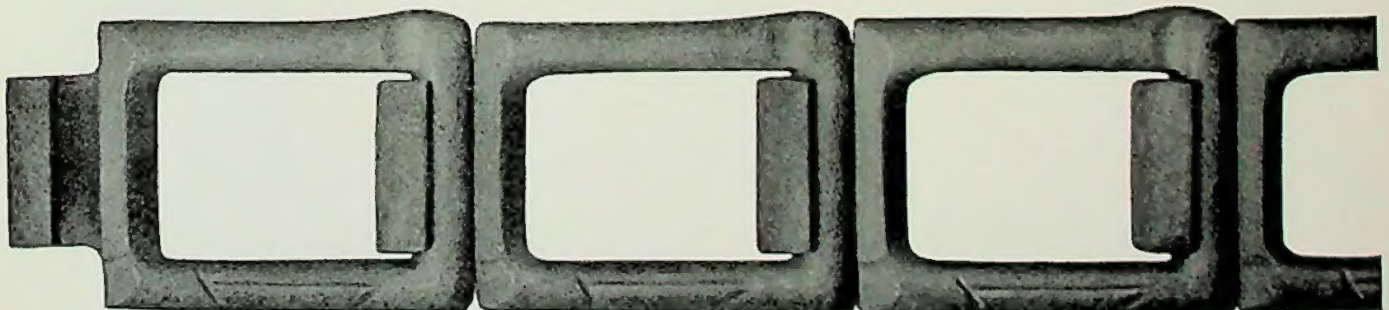
No. 50—Pitch 1.380 In. Average Ultimate Strength, 1900 lbs. Use Sprockets No. 50.



No. 51—Pitch 1.155 In. Average Ultimate Strength, 1900 lbs. Use Sprockets No. 51.



No. 52—Pitch 1.506 In. Average Ultimate Strength, 2300 lbs. Use Sprockets No. 52.



No. 55—Pitch 1.631 In. Average Ultimate Strength, 2200 lbs. Use Sprockets No. 55.

Jeffrey Detachable Link Chains

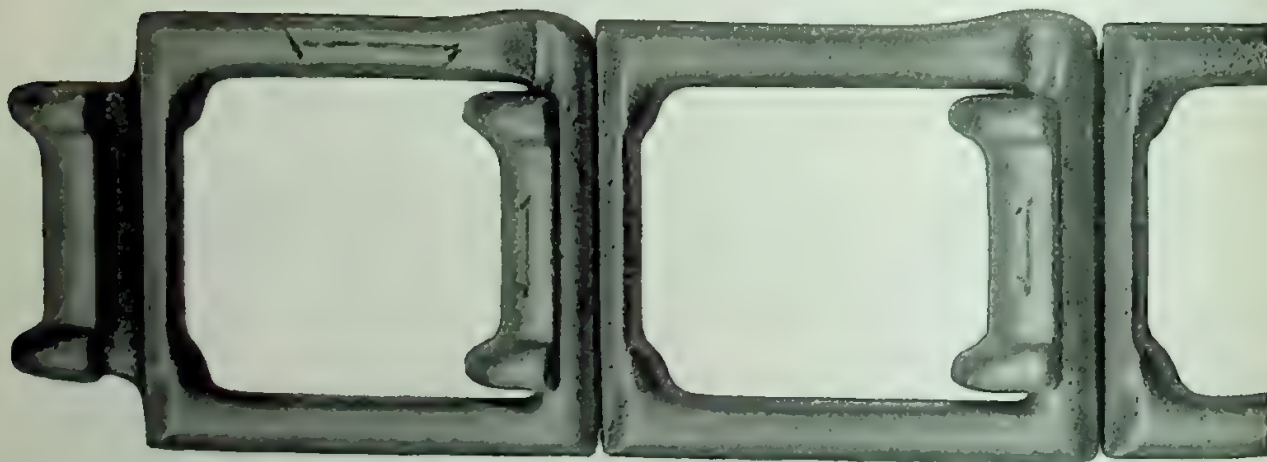
Shown approximately actual size



No. 57—Pitch 2.308 In. Average Ultimate Strength, 2800 lbs. Use Sprockets No. 57.



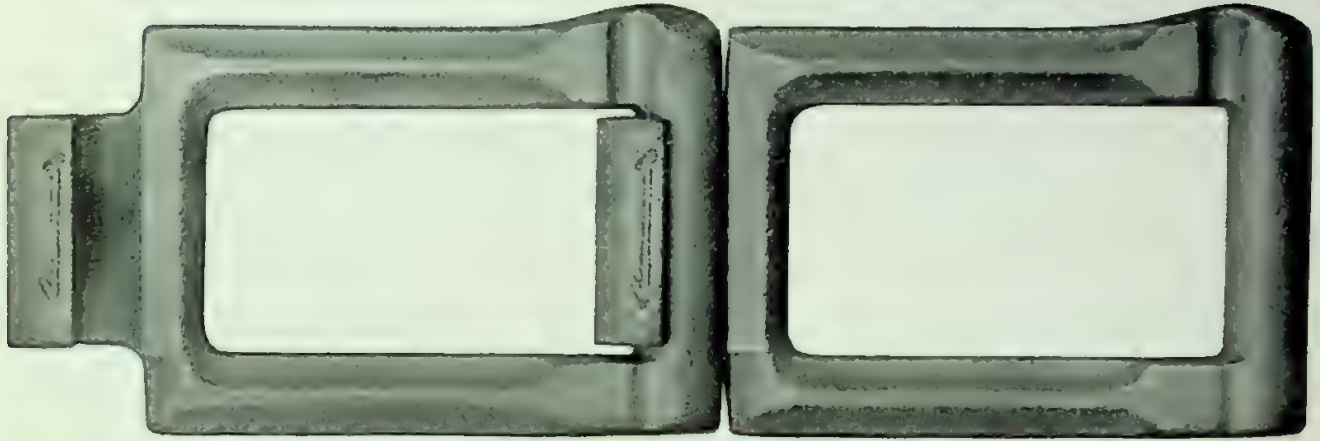
No. 62—Pitch 1.654 In. Average Ultimate Strength, 3100 lbs. Use Sprockets No. 62.



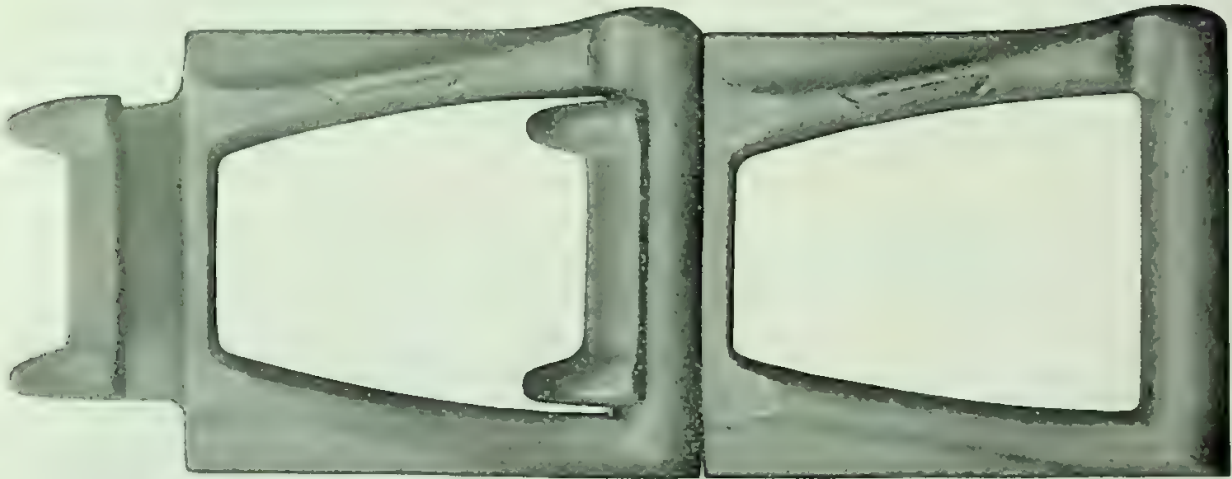
No. 67—Pitch 2.308 In. Average Ultimate Strength, 3300 lbs. Use Sprockets No. 57.

Jeffrey Detachable Link Chains

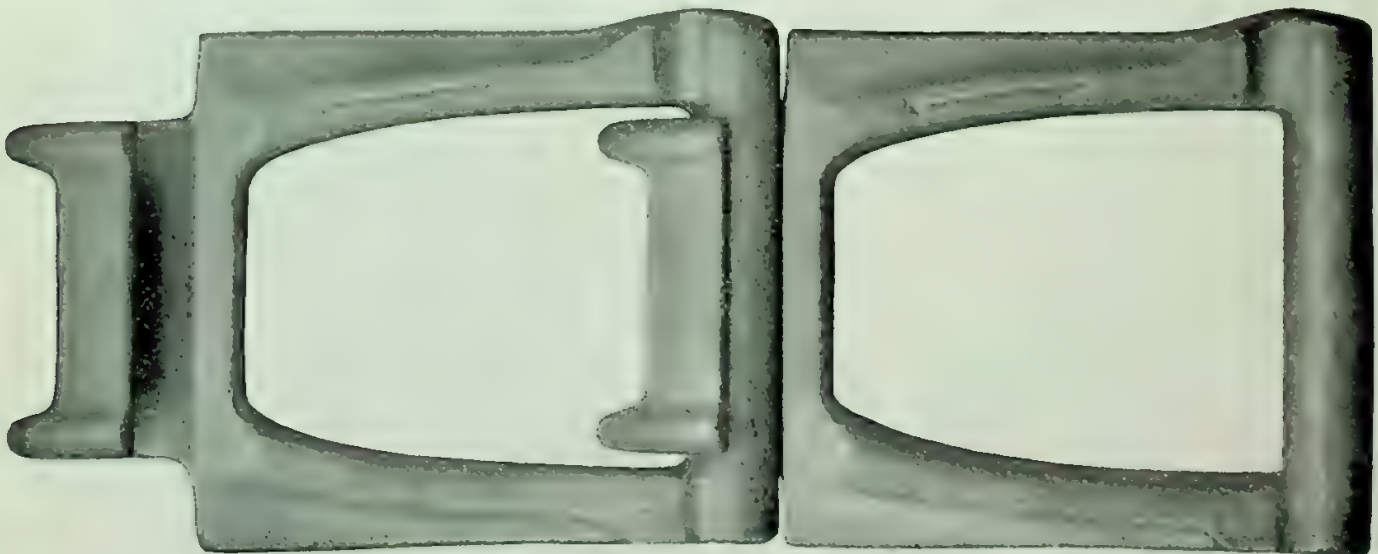
Shown approximately actual size



No. 75—Pitch 2.609 In. Average Ultimate Strength, 4000 lbs. Use Sprockets No. 88.



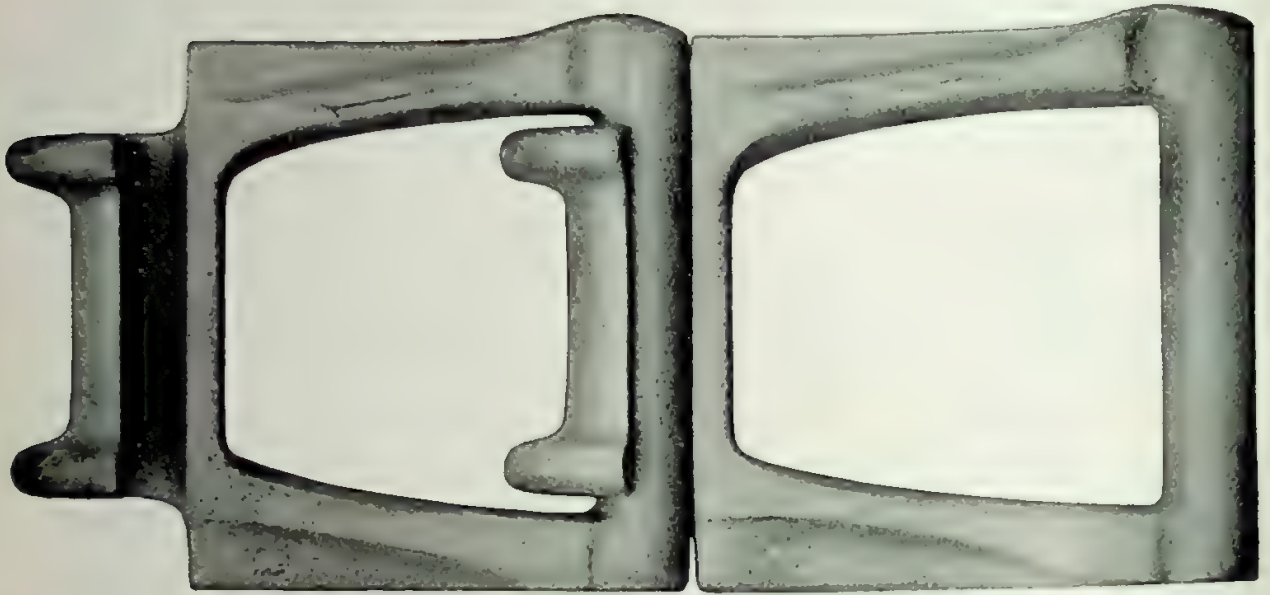
No. 77—Pitch 2.297 In. Average Ultimate Strength, 3600 lbs. Use Sprockets No. 77.



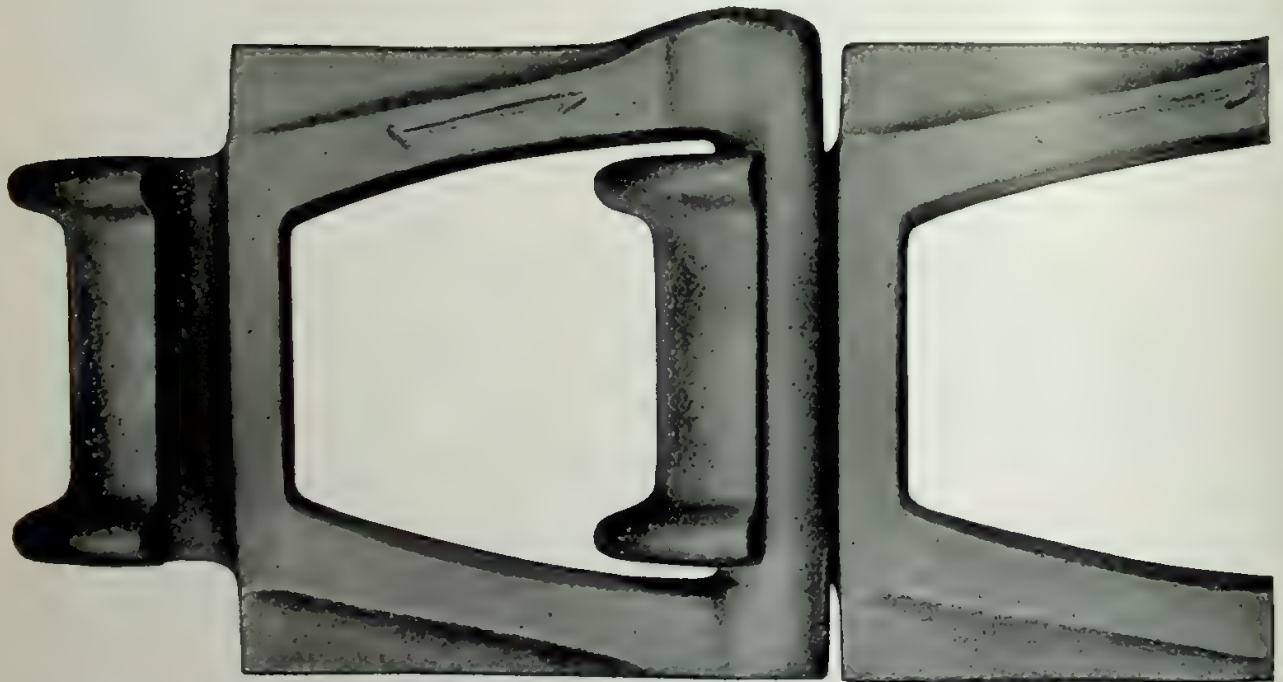
No. 78—Pitch 2.609 In. Average Ultimate Strength, 4900 lbs. Use Sprockets No. 88.

Jeffrey Detachable Link Chains

Shown approximately actual size



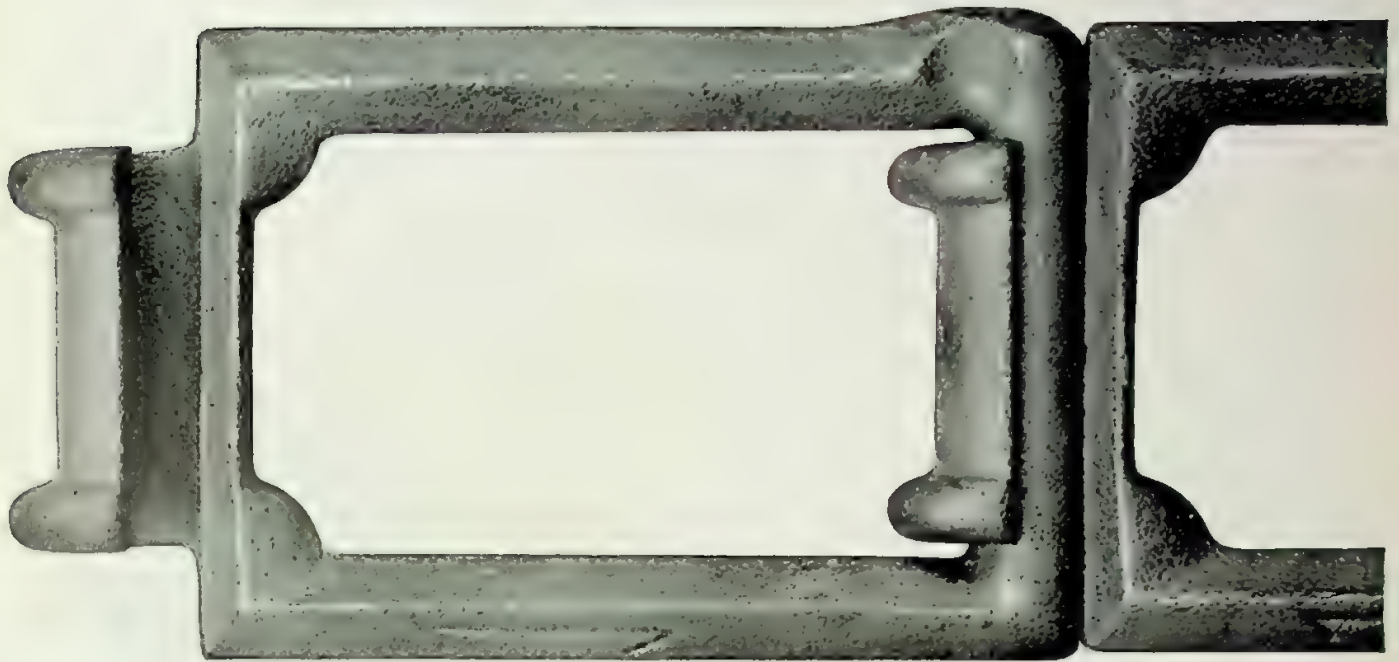
No. 88—Pitch 2.609 In. Average Ultimate Strength, 5750 lbs. Use Sprockets No. 88.



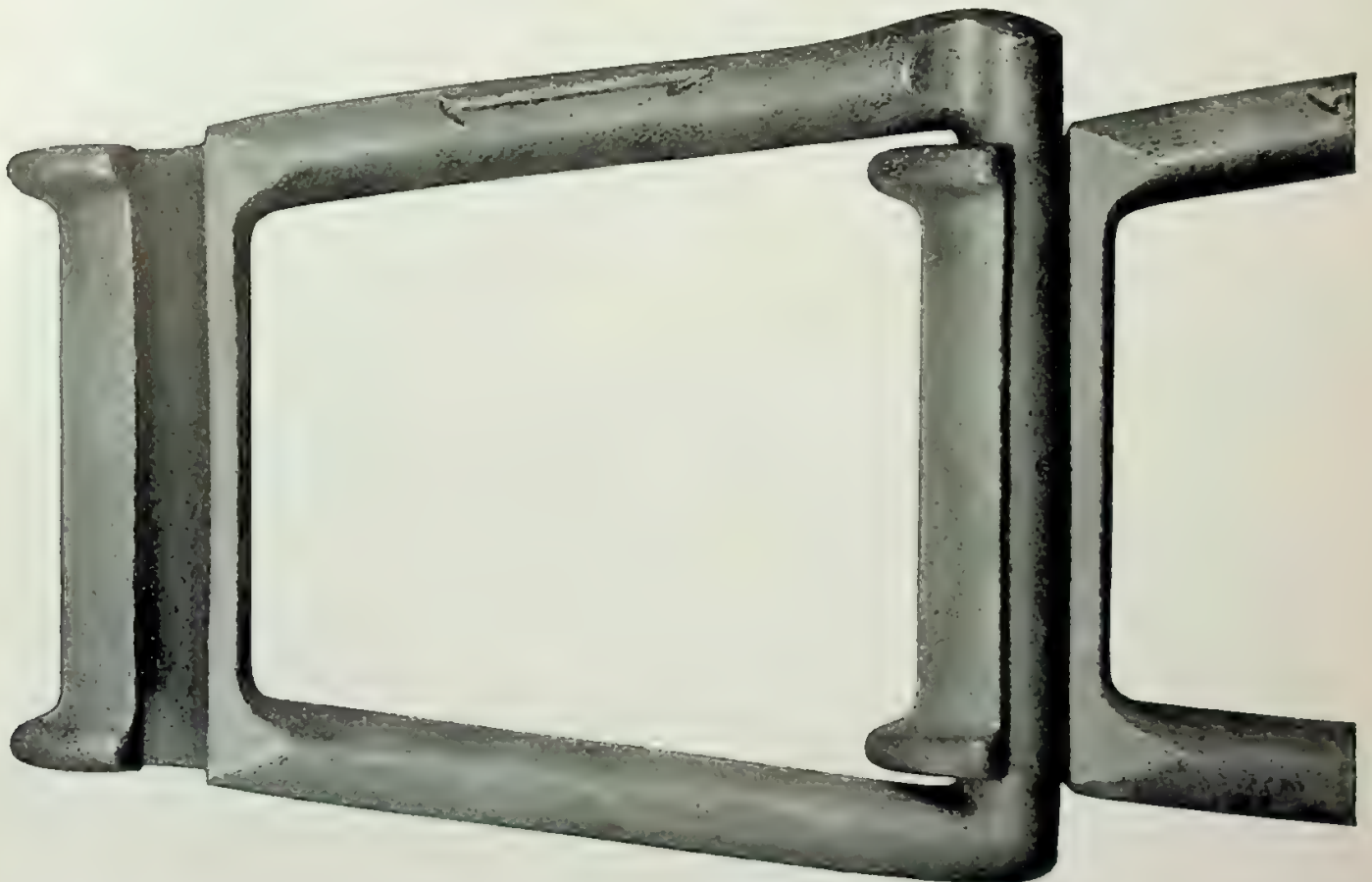
No. 103—Pitch 3.075 In. Average Ultimate Strength, 9600 lbs. Use Sprockets No. 103

Jeffrey Detachable Link Chains

Shown approximately actual size



No. 83—Pitch 4.000 In. Average Ultimate Strength, 4950 lbs. Use Sprockets No. 83.

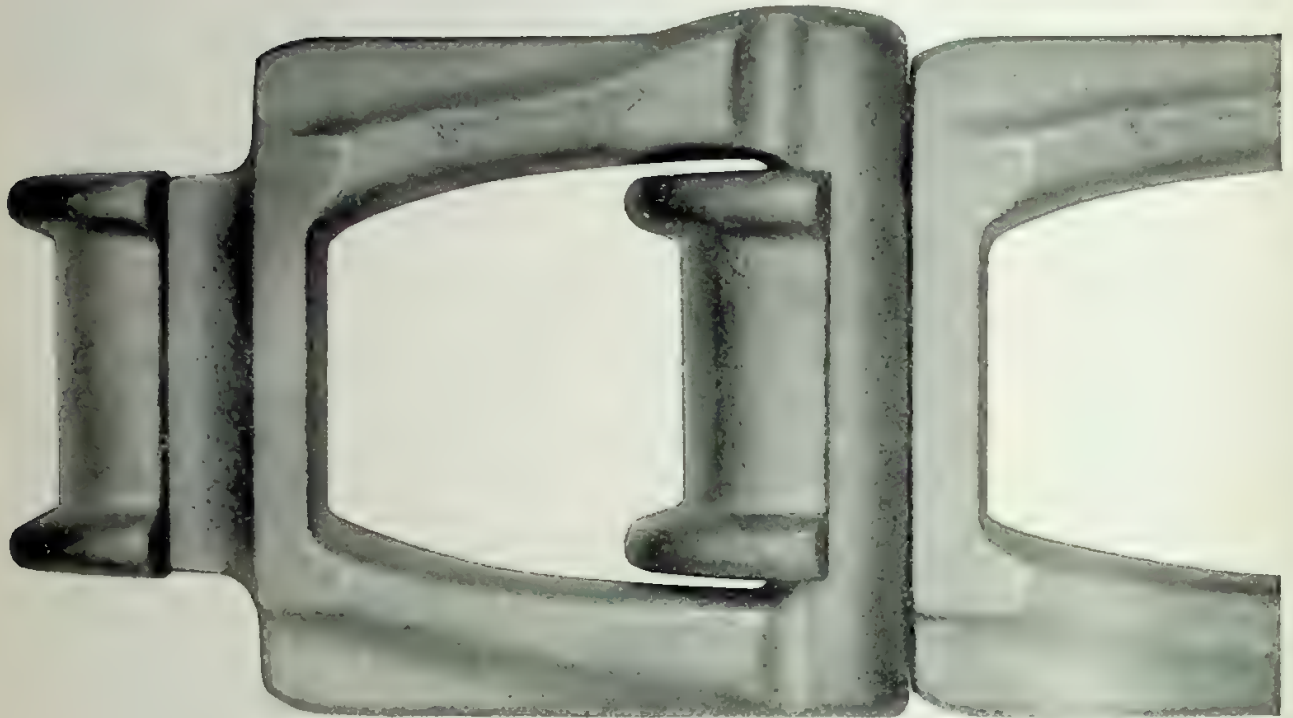


No. 85—Pitch 4.000 In. Average Ultimate Strength, 7600 lbs. Use Sprockets No. 85.

No. 95—Pitch 3.967 In. Average Ultimate Strength, 8700 lbs. Use Sprockets No. 95.

Jeffrey Detachable Link Chains

Shown approximately actual size.



No. 114—Pitch 3.250 In. Average Ultimate Strength, 11,000 lbs. Use Sprockets No. 114.



No. 124—Pitch 4.063 In. Average Ultimate Strength, 15,000 lbs. Use Sprockets No. 124.

Jeffrey Detachable Link Chains

Shown approximately actual size

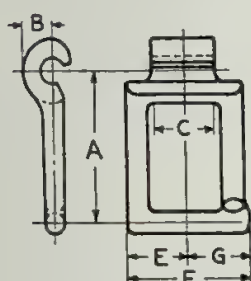


No. 108—Pitch 4.720 In. Average Ultimate Strength, 9900 lbs. Use Sprockets No. 108

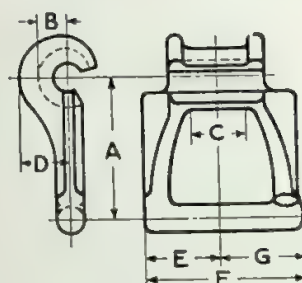
Jeffrey Detachable Link Chains



Standard Stock Sizes of Plain Detachable Chain



TYPE I



TYPE II

List Price and Dimensions

Chain No.	List Price Chain Per Ft.	A Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Foot Pounds	Type	Working Strength at 150 Ft. Per Min. Pounds	Max. Speed in Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	Plain Chain Dimensions—Inches					
										B	C	D	E	F	G
25	\$0.17	.902	133	.24	1	120	700	700	25	.203	3/8	.....	3/8	3 1/2	1 1/2
32	.17	1.154	104	.32	1	185	700	1100	32	.250	1/2	.....	3/8	3 1/2	1 1/2
33	.16	1.394	86	.32	1	200	700	1190	33	.234	1/2	.....	1/2	1 3/4	1 1/2
34	.18	1.398	86	.40	1	215	700	1300	34	.266	1/2	.....	1/2	1 3/4	1 1/2
42	.19	1.375	88	.55	1	250	700	1500	42	.281	5/8	.....	5/8	1 3/4	1 1/2
45	.18	1.630	74	.52	1	265	700	1600	45	.297	1 1/8	.....	5/8	1 1/4	1 1/2
50	.22	1.380	87	.71	1	390	700	1900	50	.312	5/8	.....	3/4	1 1/2	1 1/2
51	.24	1.155	104	.70	1	315	700	1900	51	.359	1	.....	3/4	1 1/4	1 1/2
52	.23	1.506	80	.80	1	385	700	2300	52	.344	5/8	.....	3/4	1 1/2	1 1/2
55	.20	1.631	74	.70	1	370	700	2200	55	.359	1 1/8	.....	3/4	1 1/2	3/4
57	.26	2.308	52	.87	1	470	700	2800	57	.406	3/4	.....	7/8	1 1/2	1 1/2
62	.27	1.654	73	1.04	1	515	700	3100	62	.406	1 1/8	.....	3/4	1 1/2	7/8
67	.30	2.308	52	1.15	2	555	600	3300	57	.406	1 1/8	3/4	1	2 3/4	1 3/4
75	.33	2.609	46	1.34	1	670	600	4000	88	.438	1 1/8	.....	1 3/4	2 3/4	1 1/4
77	.35	2.297	52	1.45	2	600	600	3600	77	.359	1 1/8	3/4	1 1/8	2 3/4	1 3/4
78	.44	2.609	46	1.86	2	815	600	4900	88	.438	1 1/8	3/4	1 1/4	2 5/8	1 3/8
85	.62	4.000	30	2.47	2	1265	500	7600	85	.484	1 7/8	1 1/8	2 1/8	4 3/4	2 3/4
88	.50	2.609	46	2.30	2	960	600	5750	88	.438	1 1/8	3/4	1 1/8	2 3/4	1 1/4
95	.68	3.967	30	2.90	2	1450	500	8700	95	.516	1 7/8	1	2 1/8	4 1/4	2 1/8
103	.73	3.075	39	4.00	2	1600	500	9600	103	.609	1 1/8	1	1 1/8	3 3/4	1 3/4
108	.80	4.720	25 1/2	3.48	2	1650	400	9900	108	.563	2 3/8	1	2 3/4	4 1/8	2 3/4
114	.92	3.250	37	5.25	2	1835	500	11000	114	.813	1 1/8	1 1/8	1 5/8	3 1/2	1 3/4
124	1.08	4.063	30	6.40	2	2115	400	15000	124	.859	1 1/4	1 3/8	1 3/4	4 1/8	2 3/4

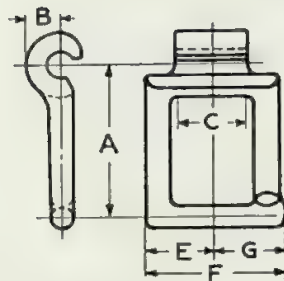
†Working Strengths in table are increased or decreased for speeds other than 150 feet per min., see page 121.

§Economical speeds are half of maximum speeds.

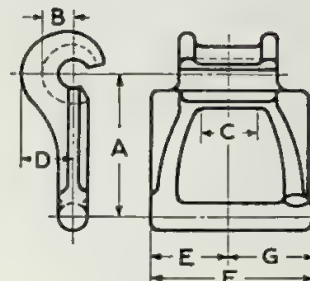
For List of Sprockets, see pages 129 to 134 for Cast Iron and 154-155 for Cast Steel

Jeffrey Detachable Link Chains

Made on Order Sizes



TYPE I



TYPE II

Plain Chain

List Price and Dimensions

Chain No.	List Price Plain Chain Per Foot	A Pitch Inches	Approx. Links in 10 Feet	Average Weight Per Foot Pounds	Type	Working Strength in lbs at 150 F. P. M.	Max. Speed F. P. M.	Average Ultimate Strength Pounds	Works on Sprockets Number	B	C	D	E	F	G
23	\$0.27	.649	185	.25	1	77	700	460	23	.203	$\frac{1}{8}$	-----	$\frac{1}{8}$	$\frac{3}{16}$	$\frac{1}{2}$
032	.32	.9023	133	.52	2	167	700	1000	032	.219	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{1}{2}$
34½	.25	1.154	103	.46	1	250	700	1500	34½	.281	$\frac{5}{8}$	-----	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{1}{2}$
35	.20	1.630	74	.40	1	167	700	1000	45	.265	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{5}{8}$
39-4 Bar	.36	1.593	75	.60	1	367	700	2200	39	.312	$\frac{1}{2}$	-----	$\frac{7}{8}$	$1\frac{3}{4}$	$\frac{7}{8}$
042 Shoe	.32	1.375	88	.65	1	250	700	1500	42	.281	$\frac{1}{2}$	-----	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$
43-3 Bar	.54	1.519	79	1.05	1	400	700	2400	43	.297	$\frac{3}{4}$	-----	$1\frac{1}{4}$	$2\frac{1}{2}$	$1\frac{1}{4}$
44	.23	1.481	81	.55	1	263	700	1580	44	.281	$\frac{3}{4}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{3}{4}$
45 Keeper	.24	1.630	74	.53	1	267	700	1600	45	.297	$\frac{1}{2}$	-----	$\frac{5}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$
47 Shoe	.24	1.630	74	.55	1	267	700	1600	45	.297	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{3}{4}$
48	.23	2.0	60	.53	1	267	700	1600	48	.297	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{1}{2}$	$\frac{3}{4}$
052	.30	1.516	79	.95	1	383	700	2300	052	.406	$\frac{3}{4}$	-----	$\frac{1}{2}$	$1\frac{5}{8}$	$\frac{3}{4}$
52½ Heavy	.32	1.519	79	1.16	1	478	600	2866	52½	.406	$\frac{1}{2}$	-----	$\frac{7}{8}$	$1\frac{3}{4}$	$\frac{3}{4}$
055 Corrugated	.25	1.633	73	.84	1	350	700	2100	055	.437	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{3}{4}$
55 Keeper	.24	1.631	74	.74	1	367	700	2200	55	.359	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{3}{4}$
56½	.31	1.661	72	1.06	1	408	700	2450	56½	.391	$\frac{3}{4}$	-----	$\frac{1}{2}$	$1\frac{1}{8}$	$\frac{3}{4}$
057 Shoe	.25	1.618	74	.80	1	367	700	2200	057	.359	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{3}{4}$
58	.35	1.60	75	.80	2	375	700	2250	58	.312	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$\frac{3}{4}$
062	.36	1.654	73	1.30	1	550	600	3300	062	.453	$\frac{7}{8}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{7}{8}$
62½	.32	1.654	73	1.03	1	517	600	3100	62	.406	$\frac{7}{8}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{7}{8}$
063	.37	1.509	80	1.26	2	388	600	2330	063	.359	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{3}{8}$	1
65	.30	2.128	57	.92	1	410	600	2460	65	.422	$\frac{7}{8}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{7}{8}$
66	.35	2.013	60	1.17	1	434	600	2600	66	.422	$\frac{1}{2}$	-----	$\frac{7}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$
072	.52	1.654	73	1.95	2	723	600	4340	072	.422	1	$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{8}$
72	.45	2.043	59	1.60	1	707	600	4240	72	.422	$\frac{1}{2}$	-----	$\frac{1}{2}$	$1\frac{3}{8}$	1
072½	.52	1.674	72	1.95	2	717	600	4300	072½	.422	$\frac{1}{2}$	$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{8}$
72½	.55	1.654	73	2.00	2	765	600	4590	62	.422	$\frac{7}{8}$	$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{8}$
075	.53	2.073	58	1.90	1	765	600	4590	76½	.531	$1\frac{3}{8}$	-----	$1\frac{3}{8}$	$2\frac{3}{8}$	$1\frac{1}{8}$
76½	.42	2.073	58	1.50	1	648	600	3890	76½	.531	$\frac{1}{2}$	-----	$\frac{7}{8}$	$1\frac{3}{8}$	1
83	.55	4.000	30	1.90	2	825	500	4950	83	.469	$1\frac{1}{8}$	$\frac{1}{2}$	$1\frac{1}{2}$	$3\frac{3}{8}$	$1\frac{1}{8}$
88½	.77	2.609	46	3.40	2	1200	500	7200	88½	.609	$1\frac{1}{8}$	$\frac{1}{2}$	$1\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{1}{2}$
104½	1.10	4.520	26	5.00	2	1917	400	11500	104½	.828	$1\frac{5}{8}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$3\frac{3}{8}$	$1\frac{1}{2}$
117	1.30	3.25	37	6.50	2	2400	300	14400	117	.813	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	4	$2\frac{1}{8}$
122	1.46	6.050	20	6.70	2	2500	300	15000	122	.859	3	$1\frac{3}{8}$	$2\frac{1}{2}$	$5\frac{3}{8}$	$3\frac{1}{8}$
E-1	.42	2.035	59	1.50	1	650	600	3900	E-1	.516	$\frac{1}{2}$	-----	$\frac{7}{8}$	$1\frac{3}{8}$	1



Shoe Type



Keeper Type
(Notched Head)



Corrugated
Hook Type



3-Bar Type

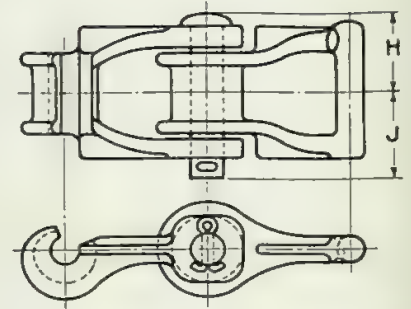
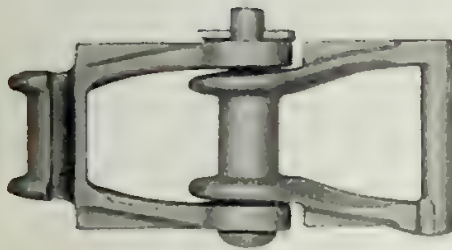


4-Bar Type

For List of Sprockets, see pages 129 to 134 for Cast Iron and 154-155 for Cast Steel

Jeffrey Detachable Link Chains

Couplers



List Price and Dimensions

Chain No.	Price Per Pair	Weight Per Pair	Dimensions—In.		Chain No.	Price Per Pair	Weight Per Pair	Dimensions—In.	
			H	J				H	J
25	\$0.17	.05	1/2	5/8	67	\$ 0.30	.6	1 3/16	1 1/4
32	.17	.1	5/8	3/4	75	.33	.7	1 3/8	1 1/2
33	.16	.13	5/8	3/4	77	.35	.72	1 1/4	1 1/8
34	.18	.13	3/4	1 1/8	78	.44	.95	1 1/8	1 3/4
42	.19	.18	1 1/8	1 1/8	83	.55	1.72	1 1/8	1 1/8
45	.18	.21	7/8	1 1/8	85	.62	2.29	2 1/8	2 1/8
50	.22	.22	1 1/8	1 1/8	88	.50	1.30	1 1/2	1 1/2
51	.24	.18	3/4	1 1/8	95	.68	2.75	2 1/4	2 1/8
52	.23	.3	3/4	1 1/8	103	.73	2.68	1 1/8	2 1/8
55	.20	.28	1 1/8	1 1/8	108	.80	3.84	2 1/8	2 1/8
57	.26	.48	1 1/8	1 1/8	114	.92	3.87	2 1/8	2 1/8
62	.27	.41	1 1/8	1 1/8	124	1.08	5.80	2 1/8	2 1/8

* Bold Face Type Indicates Carried in Stock Sizes.

Alphabetical List of Detachable Chain Attachments

At- tach- ment	Chain No.	Attach- ment	Chain No.	At- tach- ment	Chain No.	At- tach- ment	Chain No.	At- tach- ment	Chain No.	At- tach- ment	Chain No.	At- tach- ment	Chain No.	At- tach- ment	Chain No.
A-1	25	A-4	103	D-5	45	E-1	88	G-6	78	K-1	48	K-5	32	M-3	83
	32	A-11	78		55	F-2	45		88		51		33		88
	33		88		57		52		103		52		42		103
	34		103		62		55		124		55		45	M-17	62
	35	A-12	62		67		57	G-19	78		57		51	R-1	75
	042	A-14	45		75		67		88		62		52		78
	42	A-37LA	45		77		75		103		66		55		88
	45	A-113	77		78		77	G-27	42		67		62	R-3	77
	51	C-1	25		83		78		45		75	K-6	42	S-1	25
	52		32		88		85		55		77	K-9	52		33
	55		34		103		88		62		78	K-40	45		42
	57		35	DD	114		95	H-1	75		83		62		45
	62		42	DK	88		103		77		88	K-44	45		51
	67		45	D-42	55		104 1/2		78		103	K-45 1/2	45		55
	77		52	D-43	55		108		88		114		55		62
	78		55	E-1	25		124		103		124	K-48	45	S-5	45
A-2	45		62		32	F-8	88	H-2	25	K-1 Cplr	45	K-52	55		55
	55		66		33		103		45	K-2	85	L-2	45	Scrap- ers	
A-3	42	C-2	34		34		114		57		95		55	No. 19	55
	44	C-5	47		35		124		78		103		103	No. 20	55
	45	C-8	55		42	G-1	45		52	K-1	104 1/2	L-3	057	No. 22	45
	48		62		45		52		32		108	L-21	55		45
	52	C-15	45		52		67		33		114	M-1	25	No. 27	45
	55	C-27	45		55		75		34		122		45		
	62	C-33	47		57		77		35		33		55		
	62 1/2	D-3	25		67		78		42	K-3	45		77		
	78		32		77		88		45		67	M-3	78		
	88		45		78	G-6	77		45	K-3 1/2	50				

Jeffrey Detachable Link Chains

List Price and Weight of Attachments

Chain	List Price per Foot	Avg. Weight per ft. Lbs.	Chain	List Price per Foot	Avg. Weight per ft. Lbs.	Chain	List Price per Foot	Avg. Weight per ft. Lbs.	Chain	List Price per Foot	Avg. Weight per ft. Lbs.
No. 25			H-2	\$0.74	1.2	No. 057			H-1	\$1.24	3.7
*A-1	\$0.36	.4	*K-1	.39	.9	L-3	\$0.46	1.0	H-2	1.20	3.5
C-1	.39	.5	*K-1 Cplrs. pr.	.38	1.3	No. 57			*K-1	.66	2.3
*D-3	.60	.4	*K-3	.80	1.2	*A-1	.41	1.3	M-3	1.20	3.7
E-1	.46	.4	*K-5	.50	.9	*D-5	.68	1.7	*R-1	.58	2.2
H-2	.42	.5	*K-40	.65	1.5	*E-1	.50	1.2	No. 83		
*K-1	.40	.4	*K-44	.58	1.0	F-2	.63	1.9	*D-5	1.10	3.4
M-1	.50	.4	*K-45½	1.15	2.2	H-2	.80	1.8	*K-1	.96	3.2
*S-1	.70	.4	*K-48	.70	1.1	*K-1	.51	1.5	M-3	1.20	3.7
No. 32			L-2	.36	.8	No. 62			No. 85		
*A-1	.36	.5	M-1	.70	1.1	*A-1	.48	1.5	F-2	1.46	4.7
C-1	.39	.8	*S-1	.40	.7	*A-3	.74	1.5	*K-2	1.02	3.7
*D-3	.64	.6	*S-5	.50	.8	*A-12	.72	1.8	No. 88		
E-1	.40	.5	Scrapers, Each			C-1	.50	1.7	*A-3	1.24	3.8
*K-1	.43	.8	*No. 22	.14	.2	C-8	.94	2.4	*A-11	.78	3.2
*K-5	.50	.6	No. 27	.16	.2	*D-5	.74	1.9	*D-5	1.36	4.2
M-1	.90	.8	No. 47			G-27	.68	1.6	*DK	1.40	4.4
No. 33			C-5	.56	1.3	*K-1	.54	1.7	*E-1	.94	3.0
*A-1	.42	.4	C-33	.60	1.4	*K-5	.68	1.5	F-2	.94	4.1
E-1	.34	.4	No. 48			*K-40	.80	1.9	F-8	1.10	4.6
*K-1	.37	.6	*A-3	.52	1.0	*M-17	.80	1.5	G-1	1.10	3.5
*K-3	.80	1.0	*K-1	.78	1.4	*S-1	.66	1.5	G-6	1.10	3.6
*K-5	.46	.6	No. 50			No. 62½			G-19	1.20	4.1
*S-1	.40	.6	*K-3½	.92	2.5	*A-3	.74	1.5	H-1	1.30	3.5
No. 34			No. 51			No. 66			*K-1	.78	3.1
*A-1	.43	.6	*A-1	.62	.9	C-1	.70	1.9	M-3	1.54	4.2
C-1	.48	.8	*K-1	.70	1.2	*K-1	.80	1.9	*R-1	.68	2.5
C-2	.45	.9	*K-5	.78	1.2	No. 67			No. 95		
*E-1	.40	.6	*S-1	.74	1.0	*A-1	.51	1.5	F-2	1.60	5.8
*K-1	.41	.7	No. 52			D-5	.76	2.0	*K-2	1.12	4.7
No. 35			*A-1	.42	1.0	*E-1	.70	1.7	No. 103		
*A-1	.38	.6	*A-3	.66	1.3	F-2	.65	2.1	*A-4	1.30	5.1
C-1	.44	.8	C-1	.54	1.4	G-1	.80	2.2	*A-11	1.40	4.7
*E-1	.38	.6	E-1	.60	1.3	*K-1	.58	1.8	D-5	1.70	5.6
*K-1	.46	.8	F-2	.59	1.6	*K-3	1.10	2.4	F-2	1.30	6.0
No. 042			G-1	.70	1.2	No. 75			F-8	1.52	6.9
*A-1	.54	.9	*K-1	.50	1.3	D-5	.86	2.5	G-6	1.40	6.2
No. 42			*K-5	.64	1.2	F-2	.70	2.6	G-19	1.60	6.1
*A-1	.35	.8	*K-9	.70	1.2	G-1	.90	2.5	H-1	1.50	5.8
A-3	.70	1.2	No. 55			H-1	.70	2.3	H-2	1.30	5.9
C-1	.44	1.1	*A-1	.37	.9	*K-1	.57	1.8	*K-1	1.12	5.3
E-1	.46	.7	*A-2	.58	1.2	*R-1	.50	1.4	K-2	1.16	5.1
G-27	.64	1.2	*A-3	.58	1.3	No. 77			L-2	2.00	5.3
*K-1	.42	1.0	C-1	.38	1.1	*A-1	.56	1.9	M-3	1.90	7.0
*K-5	.60	.9	C-8	.76	1.7	*A-113	.72	2.2	No. 104½		
*K-6	.80	1.3	*D-5	.68	1.4	*D-5	.76	2.2	F-2	1.90	7.5
*S-1	.43	.8	*D-42	.60	1.2	*E-1	.64	2.1	*K-2	2.00	7.6
No. 44			*D-43	.78	1.3	F-2	.78	3.1	No. 108		
*A-3	.56	.9	*E-1	.35	1.0	G-1	.66	2.5	F-2	1.70	6.0
No. 45			F-2	.52	1.4	G-6	.88	2.6	*K-2	1.16	4.9
*A-1	.35	.8	G-27	.62	1.3	H-1	.94	2.4	No. 114		
A-2	.52	1.0	*K-1	.42	1.2	*K-1	.66	1.9	D-D	2.30	8.8
*A-3	.56	1.0	*K-5	.62	1.1	M-3	.92	2.7	F-8	1.90	7.9
A-14	.64	1.1	*K-45½	.94	2.4	*R-3	.64	1.8	*K-1	1.50	7.1
A-37LA	.56	1.1	*K-52	.64	1.3	No. 78			*K-2	1.70	7.5
C-1	.37	.9	L-2	.46	.9	*A-1	.86	2.6	No. 122		
C-15	.56	1.2	L-21	.42	1.1	*A-3	1.10	3.1	K-2	2.50	9.1
C-27	.72	1.3	M-1	.72	1.1	*A-11	.76	2.5	No. 124		
*D-3	.70	1.3	*S-1	.45	1.0	*D-5	1.20	3.2	F-2	2.50	9.4
*D-5	.62	1.2	*S-5	.45	1.2	*E-1	.80	2.6	F-8	2.36	11.5
E-1	.31	.7	Scrapers, Each			F-2	.84	3.6	G-6	2.40	10.3
F-2	.46	1.0	*No. 19	.22	.4	G-1	.96	2.7	*K-1	1.90	9.5
G-1	.68	.8	No. 20	.18	.3	G-6	1.00	3.3			
G-27	.56	1.0				G-19	1.00	3.3			

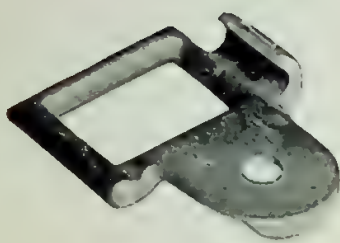
Bold Face Type Indicates Carried in Stock Sizes.

* These attachments can be coupled consecutively.

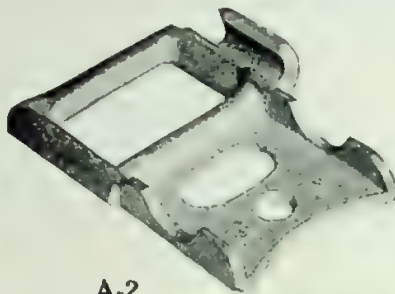
Jeffrey Detachable Link Chains

Attachments

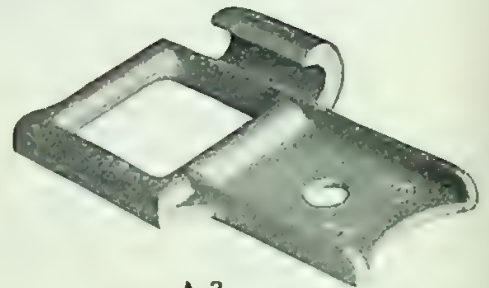
For Dimensions of these Attachments, see pages 22 to 25.



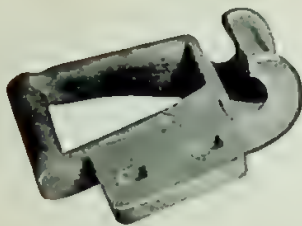
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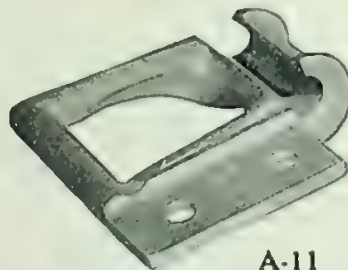
A-2



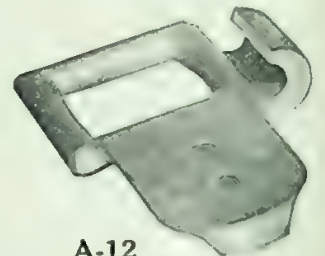
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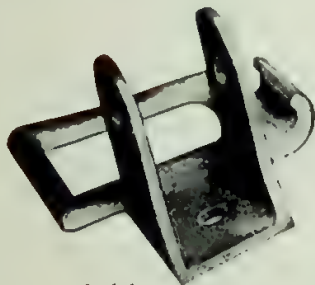
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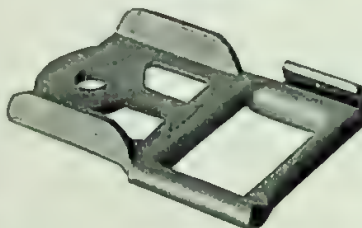
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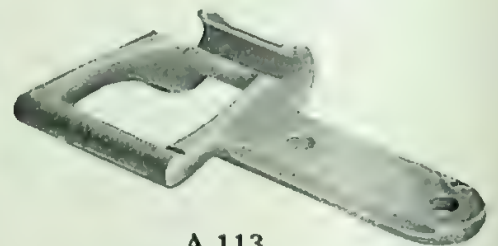
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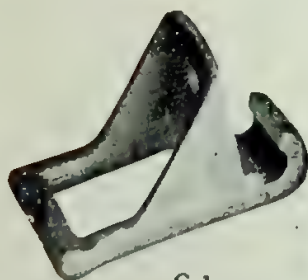
A-14



A-37LA



A-113



C-1



C-33



C-2



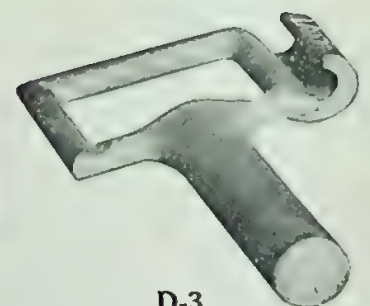
C-8



C-27



C-15

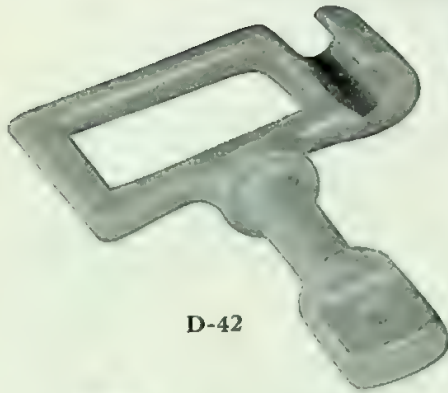


D-3

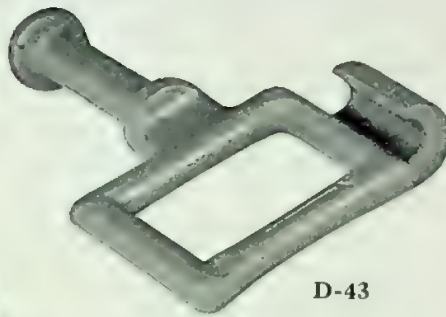
Jeffrey Detachable Link Chains

Attachments

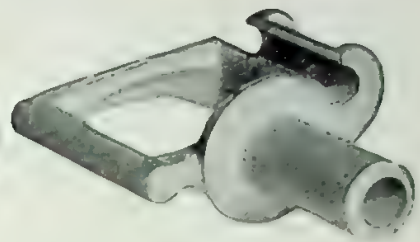
For Dimensions of these Attachments, see pages 22 to 25.



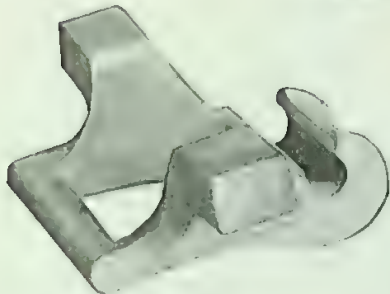
D-42



D-43



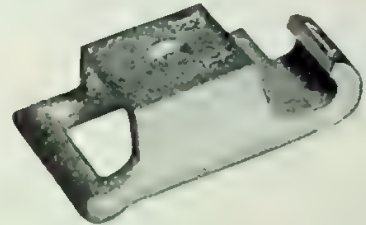
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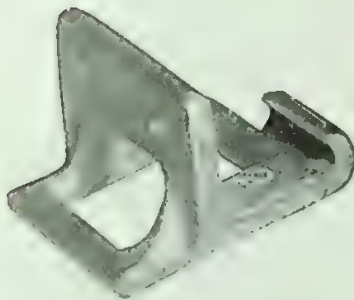
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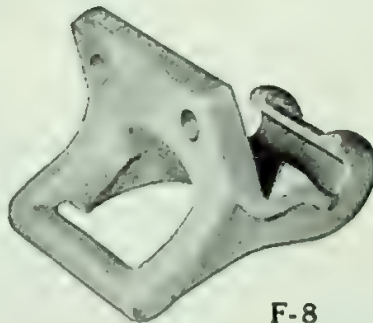
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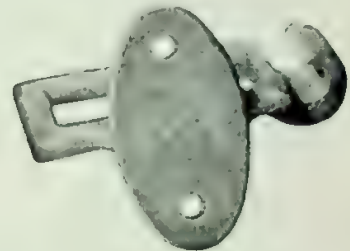
E-1



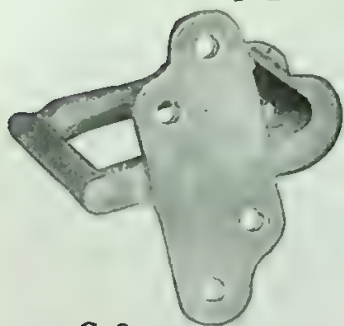
F-2



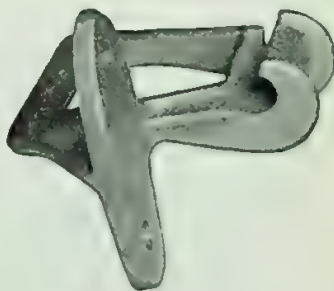
F-8



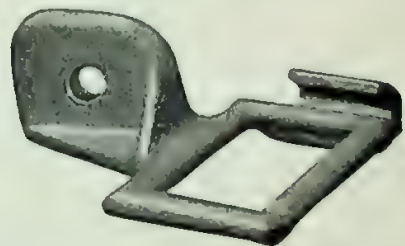
G-1



G-6



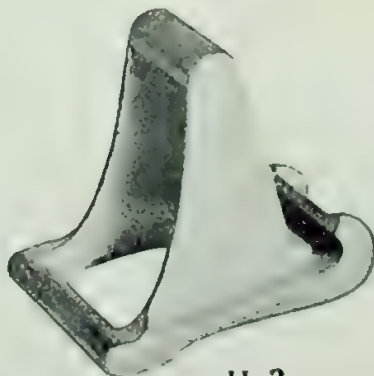
G-19



G-27



H-1



H-2



K-1



K-1 Coupler

Jeffrey Detachable Link Chains

Attachments

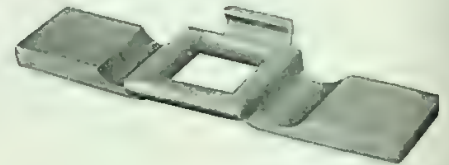
For Dimensions of these Attachments, see pages 22 to 25.



K-2



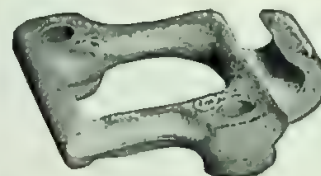
K-3



K-3 $\frac{1}{2}$



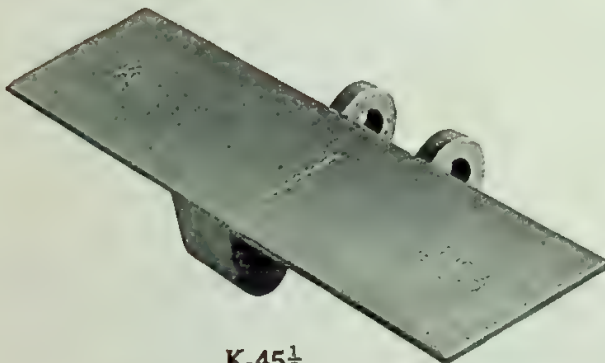
K-40



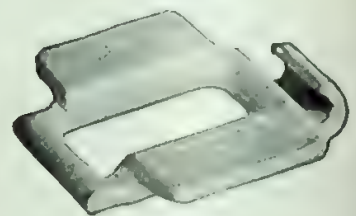
K-9



K-6



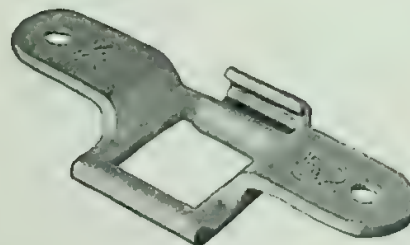
K-45 $\frac{1}{2}$



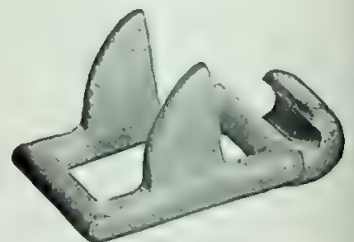
K-44



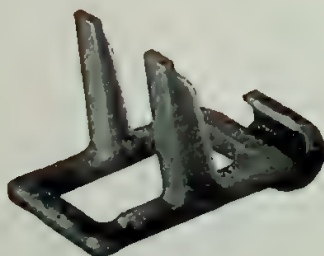
K-48



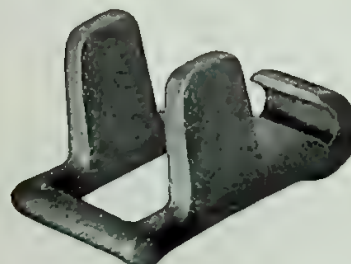
K-52



L-2



L-3



L-21

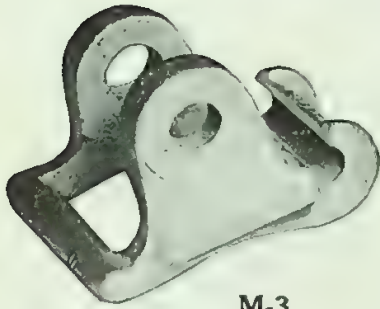


M-1

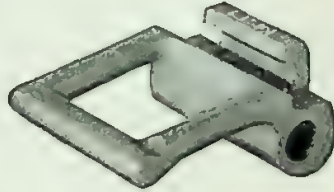
Jeffrey Detachable Link Chains

Attachments

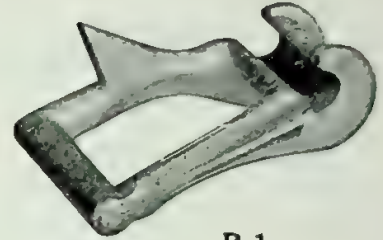
For Dimensions of these Attachments, see pages 22 to 25.



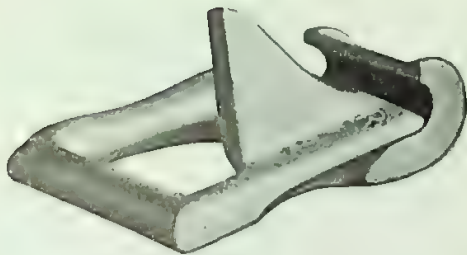
M-3



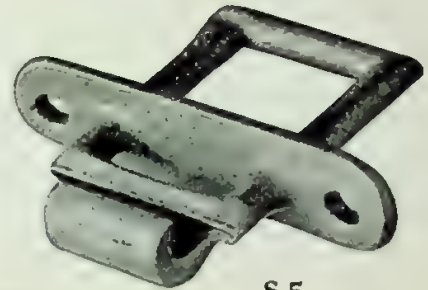
M-17



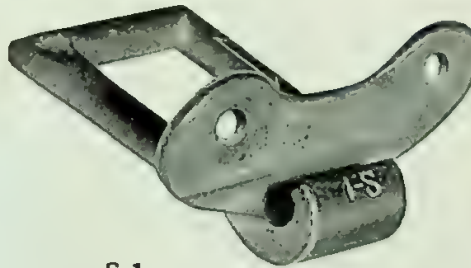
R-1



R-3



S-5



S-1



Scraper No. 19



Scraper No. 20



Scraper No. 22

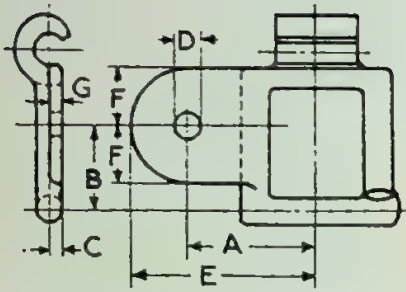


Scraper No. 27

Jeffrey Detachable Link Chains

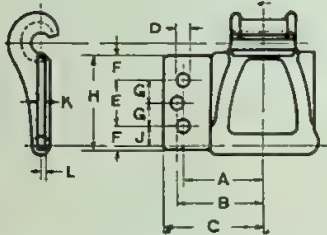
Dimensions of Attachments

A-1 Attachment



Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Countersunk Holes on Nos. 25 to 55, also 62 and 78.
Has Round-Straight Holes on Nos. 57, 67 and 77.

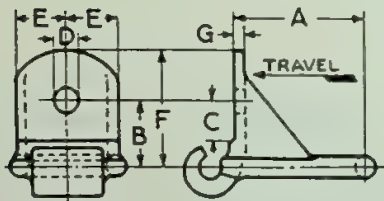
Chain No.	A	B	C	D Diam. of Bolt	E	F	G
25	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{3}{32}$	$\frac{3}{16}$	$1\frac{7}{32}$	$2\frac{3}{64}$	$\frac{3}{32}$
32	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{3}{32}$	$\frac{3}{16}$	$1\frac{9}{64}$	$\frac{3}{8}$	$\frac{1}{8}$
33	$\frac{13}{16}$	$\frac{21}{32}$	$\frac{3}{32}$	$\frac{3}{16}$	$1\frac{1}{16}$	$\frac{3}{8}$	$\frac{3}{32}$
34	$\frac{13}{16}$	$\frac{11}{16}$	$\frac{3}{32}$	$\frac{1}{4}$	$1\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{8}$
35	$1\frac{1}{32}$	$\frac{11}{16}$	$\frac{1}{8}$	$\frac{1}{4}$	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$
42	$1\frac{3}{32}$	$\frac{21}{32}$	$\frac{3}{32}$	$\frac{1}{4}$	$1\frac{13}{32}$	$\frac{1}{2}$	$\frac{1}{8}$
042	$1\frac{1}{32}$	$\frac{3}{4}$	$\frac{3}{32}$	$\frac{1}{4}$	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{8}$
45	$1\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$1\frac{1}{16}$	$\frac{1}{8}$	$\frac{3}{32}$
51	$\frac{29}{32}$	$\frac{19}{32}$	$\frac{1}{8}$	$\frac{3}{16}$	$1\frac{9}{32}$	$\frac{3}{8}$	$\frac{1}{8}$
52	$1\frac{1}{16}$	$\frac{27}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$1\frac{32}{32}$	$\frac{1}{2}$	$\frac{1}{8}$
55	$1\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{1}{4}$	$1\frac{11}{16}$	$\frac{1}{8}$	$\frac{3}{32}$
57	$1\frac{1}{2}$	$1\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{4}$	$2\frac{13}{32}$	$\frac{7}{8}$	$\frac{1}{8}$
62	$1\frac{1}{16}$	$\frac{27}{32}$	$\frac{1}{8}$	$\frac{1}{4}$	$2\frac{1}{16}$	$\frac{5}{8}$	$\frac{1}{8}$
67	$1\frac{9}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{4}$	$2\frac{7}{16}$	$\frac{1}{2}$	$\frac{1}{8}$
77	$1\frac{3}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{4}$	$2\frac{7}{16}$	$\frac{3}{4}$	$\frac{3}{32}$
78	$1\frac{3}{4}$	$1\frac{11}{32}$	$\frac{7}{32}$	$\frac{3}{16}$	$2\frac{11}{16}$	$2\frac{9}{32}$	$\frac{9}{32}$



Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Countersunk Holes on Nos. 78 and 88.
Has Round-Straight Holes on No. 103.

A-11 Attachment

Chain No.	A	B	C	D Diam. of Bolts	No. of Holes	E	F	G	H	J	K	L
78	$1\frac{13}{16}$	$2\frac{1}{32}$	$\frac{5}{16}$	$\frac{5}{16}$	2	$1\frac{5}{16}$	$\frac{5}{8}$	$2\frac{9}{16}$	$\frac{7}{16}$	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{3}{32}$
88	$1\frac{13}{16}$	$2\frac{1}{32}$	$\frac{5}{16}$	$\frac{5}{16}$	2	$1\frac{5}{16}$	$\frac{5}{8}$	$2\frac{9}{32}$	$\frac{7}{16}$	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{3}{32}$
103	$2\frac{1}{16}$	$2\frac{7}{32}$	$2\frac{3}{32}$	$\frac{5}{16}$	3	$1\frac{7}{8}$	$\frac{9}{8}$	$1\frac{1}{8}$	3	$\frac{5}{16}$	$\frac{1}{8}$	$\frac{3}{32}$

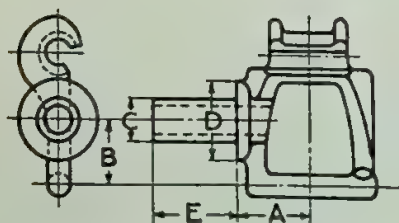


Has Round-Straight Holes for Bolts.

C-1 Attachment

Chain No.	A	B	C	D Diam. of Bolt	E	F	G
25	$\frac{3}{4}$	$\frac{15}{32}$	$\frac{7}{16}$	$\frac{1}{8}$	$\frac{9}{32}$	$\frac{3}{4}$	$\frac{1}{8}$
32	1	$\frac{5}{8}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{13}{32}$	$1\frac{1}{8}$	$\frac{3}{32}$
34	$1\frac{7}{32}$	$\frac{21}{32}$	$\frac{9}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$1\frac{1}{32}$	$\frac{1}{32}$
35	$1\frac{3}{8}$	$\frac{13}{16}$	$\frac{9}{16}$	$\frac{1}{4}$	$\frac{17}{32}$	$1\frac{7}{32}$	$\frac{3}{32}$
42	$1\frac{1}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{17}{32}$	$1\frac{1}{8}$	$\frac{3}{32}$
45	$1\frac{3}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{17}{32}$	$1\frac{3}{32}$	$\frac{3}{32}$
52	$1\frac{7}{32}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{17}{32}$	$1\frac{5}{8}$	$\frac{1}{8}$
55	$1\frac{1}{32}$	$\frac{11}{16}$	$\frac{1}{2}$	$\frac{1}{4}$	$\frac{19}{32}$	$1\frac{3}{16}$	$\frac{3}{32}$
62	$1\frac{9}{32}$	$\frac{7}{8}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{19}{32}$	$1\frac{1}{8}$	$\frac{1}{8}$
66	$1\frac{5}{8}$	$\frac{13}{16}$	$\frac{21}{32}$	$\frac{1}{4}$	$\frac{3}{4}$	$1\frac{5}{16}$	$\frac{1}{8}$

D-5 Attachment



Can be furnished either Right or Left Hand—Left Hand shown here.

Chain No.	A	B	C	D	E
45	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{7}{8}$	1
55	$\frac{7}{8}$	$\frac{13}{16}$	$\frac{7}{16}$	$\frac{15}{16}$	$1\frac{5}{16}$
57	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{5}{8}$	$1\frac{3}{16}$	$1\frac{1}{16}$
62	$\frac{7}{8}$	$\frac{13}{16}$	$\frac{1}{2}$	1	$1\frac{3}{4}$
67	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{1}{2}$	$1\frac{3}{16}$	$1\frac{1}{2}$
75	$1\frac{1}{4}$	$1\frac{11}{16}$	$\frac{7}{8}$	$1\frac{11}{16}$	$1\frac{7}{16}$
77	$1\frac{1}{16}$	$1\frac{1}{8}$	$\frac{5}{8}$	$1\frac{3}{16}$	$1\frac{1}{2}$
78	$1\frac{1}{2}$	$1\frac{5}{16}$	$\frac{7}{8}$	$1\frac{5}{8}$	$1\frac{3}{4}$
83	$1\frac{3}{4}$	2	$\frac{7}{8}$	$1\frac{7}{8}$	$1\frac{3}{4}$
88	$1\frac{1}{2}$	$1\frac{5}{16}$	$\frac{7}{8}$	$1\frac{5}{8}$	$1\frac{1}{2}$
103	$1\frac{3}{4}$	$1\frac{17}{32}$	$\frac{7}{8}$	$1\frac{3}{4}$	$1\frac{5}{4}$

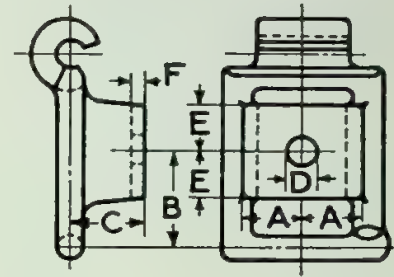
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

Dimensions of Attachments

E-1 Attachment

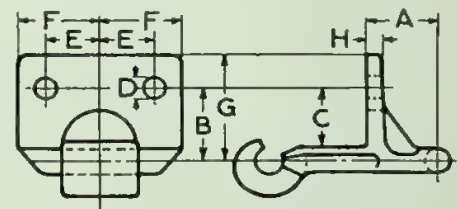
Chain No.	A	B	C	D Diam. of Bolts	E	F
25	$\frac{1}{4}$	$\frac{1}{2}$	$\frac{5}{16}$	$\frac{1}{8}$	$\frac{7}{32}$	$\frac{1}{16}$
32	$\frac{5}{16}$	$\frac{9}{16}$	$\frac{3}{32}$	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{1}{16}$
33	$\frac{5}{16}$	$\frac{11}{16}$	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{11}{32}$	$\frac{1}{16}$
34	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{1}{32}$	$\frac{1}{8}$	$\frac{3}{32}$	$\frac{3}{32}$
35	$\frac{7}{16}$	$\frac{13}{16}$	$\frac{1}{2}$	$\frac{3}{8}$	$\frac{13}{32}$	$\frac{1}{16}$
42	$\frac{7}{16}$	$\frac{16}{16}$	$\frac{1}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{32}$
45	$\frac{7}{16}$	$\frac{16}{16}$	$\frac{1}{16}$	$\frac{3}{8}$	$\frac{1}{2}$	$\frac{3}{32}$
52	$\frac{9}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{11}{32}$	$\frac{1}{8}$
55	$\frac{1}{2}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{4}$	$\frac{7}{16}$	$\frac{1}{8}$
57	$\frac{9}{16}$	$1\frac{3}{32}$	$\frac{5}{8}$	$\frac{1}{4}$	$\frac{9}{16}$	$\frac{1}{8}$
67	$\frac{1}{16}$	$1\frac{3}{32}$	$\frac{21}{32}$	$\frac{1}{4}$	$\frac{9}{16}$	$\frac{1}{8}$
77	$\frac{3}{4}$	$1\frac{5}{32}$	$\frac{13}{16}$	$\frac{1}{4}$	$\frac{9}{16}$	$\frac{1}{8}$
78	$\frac{7}{8}$	$1\frac{5}{8}$	$\frac{13}{16}$	$\frac{1}{4}$	$\frac{15}{32}$	$\frac{1}{8}$
88	$\frac{13}{16}$	$1\frac{5}{8}$	$\frac{13}{16}$	$\frac{3}{8}$	$\frac{3}{32}$	$\frac{1}{8}$



Has Round-Straight Holes on Nos. 25, 32, 33, 35, 55.
Has Round-Countersunk Holes on Nos. 34, 42, 45, 52,
Has Square-Countersunk Holes on Nos. 57, 67, 77, 78, 88.

F-2 Attachment

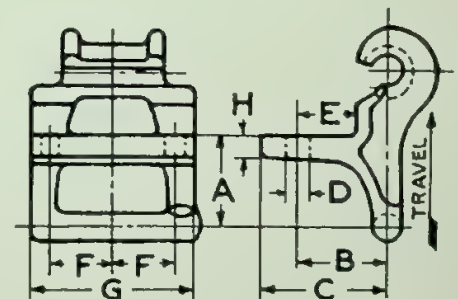
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
45	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{9}{16}$	$\frac{3}{16}$	$\frac{1}{32}$	$\frac{3}{4}$	$1\frac{3}{32}$	$\frac{1}{8}$
52	$\frac{5}{8}$	$\frac{13}{16}$	$\frac{3}{32}$	$\frac{3}{16}$	$\frac{1}{32}$	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{5}{32}$
55	$\frac{11}{16}$	$\frac{29}{32}$	$\frac{5}{8}$	$\frac{3}{16}$	$\frac{1}{32}$	$\frac{1}{4}$	$1\frac{1}{4}$	$\frac{5}{32}$
57	$\frac{1}{16}$	$1\frac{1}{16}$	$\frac{13}{16}$	$\frac{1}{4}$	$\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{5}{8}$	$\frac{5}{32}$
67	$1\frac{1}{16}$	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{1}{2}$	$\frac{1}{4}$
75	1	$1\frac{1}{4}$	$\frac{13}{16}$	$\frac{1}{6}$	$\frac{1}{32}$	$1\frac{3}{32}$	$1\frac{5}{8}$	$\frac{1}{4}$
77	$1\frac{3}{16}$	$1\frac{3}{8}$	$\frac{15}{16}$	$\frac{1}{8}$	$\frac{1}{32}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$\frac{1}{4}$
78	$1\frac{1}{8}$	$1\frac{3}{32}$	$\frac{31}{32}$	$\frac{5}{16}$	$\frac{7}{8}$	$1\frac{9}{32}$	2	$\frac{9}{32}$
85	$1\frac{3}{4}$	$1\frac{13}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	$1\frac{1}{2}$	2	$2\frac{17}{32}$	$\frac{9}{32}$
88	$1\frac{1}{4}$	$1\frac{3}{8}$	$\frac{7}{8}$	$\frac{5}{16}$	1	$1\frac{13}{32}$	2	$\frac{9}{32}$
95	$1\frac{1}{16}$	$1\frac{13}{16}$	$1\frac{1}{16}$	$\frac{3}{8}$	$1\frac{1}{2}$	$2\frac{1}{32}$	$2\frac{5}{8}$	$\frac{9}{32}$
103	$1\frac{5}{16}$	$1\frac{13}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{17}{32}$	$2\frac{9}{16}$	$\frac{3}{32}$
104 1/2	$2\frac{23}{32}$	2	$1\frac{1}{16}$	$\frac{3}{8}$	$1\frac{3}{32}$	$1\frac{1}{16}$	$2\frac{3}{4}$	$\frac{11}{32}$
108	$2\frac{5}{16}$	$1\frac{1}{16}$	$1\frac{1}{4}$	$\frac{3}{8}$	$1\frac{7}{8}$	$2\frac{1}{16}$	$2\frac{3}{32}$	$\frac{1}{16}$
124	$1\frac{13}{16}$	2	$1\frac{3}{8}$	$\frac{3}{8}$	$1\frac{7}{16}$	$1\frac{5}{32}$	$2\frac{5}{8}$	$\frac{3}{8}$



Has Round-Straight Holes for Bolts.

F-8 Attachment

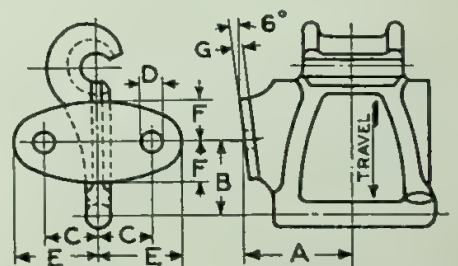
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
88	$1\frac{9}{16}$	$1\frac{7}{16}$	2	$\frac{5}{16}$	$\frac{15}{16}$	1	$2\frac{3}{4}$	$\frac{13}{32}$
103	$2\frac{13}{32}$	2	$2\frac{1}{2}$	$\frac{3}{8}$	$1\frac{1}{16}$	$1\frac{1}{16}$	3	$\frac{7}{16}$
114	$1\frac{7}{8}$	$1\frac{1}{2}$	$2\frac{1}{4}$	$\frac{3}{8}$	$\frac{7}{8}$	1	$3\frac{1}{2}$	$\frac{7}{16}$
124	$2\frac{7}{16}$	$2\frac{3}{32}$	$2\frac{7}{8}$	$\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{1}{4}$	4	$\frac{17}{32}$



Has Round-Straight Holes for Bolts

G-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
45	$\frac{23}{32}$	$\frac{13}{16}$	$\frac{17}{32}$	$\frac{3}{16}$	$\frac{7}{8}$	$\frac{13}{32}$	$\frac{3}{32}$
52	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{17}{32}$	$\frac{1}{8}$	$\frac{27}{32}$	$\frac{3}{32}$	$\frac{7}{8}$
67	$1\frac{1}{32}$	$1\frac{1}{8}$	$1\frac{5}{16}$	$\frac{1}{4}$	$1\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{16}$
75	$1\frac{1}{16}$	$1\frac{1}{16}$	$1\frac{5}{16}$	$\frac{5}{16}$	$1\frac{21}{32}$	$\frac{21}{32}$	$\frac{1}{16}$
77	$1\frac{5}{16}$	$1\frac{1}{8}$	$1\frac{5}{16}$	$\frac{1}{4}$	$1\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{16}$
78	$1\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{5}{16}$	$\frac{1}{4}$	$1\frac{5}{8}$	$\frac{5}{8}$	$\frac{1}{16}$
88	$1\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{5}{16}$	$\frac{1}{4}$	$1\frac{31}{32}$	$\frac{5}{8}$	$\frac{1}{16}$

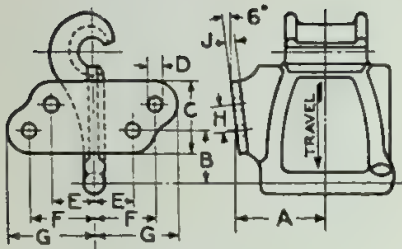


Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Straight Holes for Bolts.

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

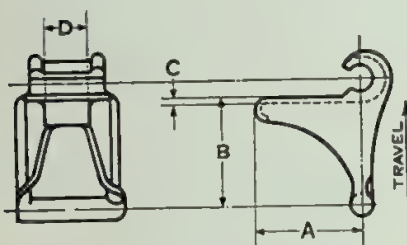
Dimensions of Attachments



Can be furnished either Right or Left Hand—Left Hand shown here.
Has Round-Straight Holes for Bolts.

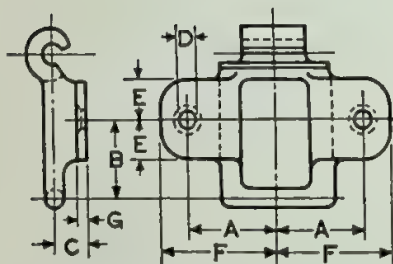
G-6 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
77	1 ⁵ / ₁₆	⁷ / ₈	1 ³ / ₈	¹ / ₄	⁵ / ₈	1 ³ / ₁₆	1 ⁵ / ₈	¹ / ₂	³ / ₁₆
78	1 ¹ / ₂	1	1 ¹ / ₂	¹ / ₄	⁷ / ₈	1 ³ / ₁₆	1 ³ / ₁₆	¹ / ₁₆	¹ / ₄
88	1 ¹ / ₂	1	1 ¹ / ₂	¹ / ₄	⁷ / ₈	1 ³ / ₁₆	1 ³ / ₁₆	¹ / ₁₆	¹ / ₄
103	2 ¹ / ₁₆	1 ¹ / ₄	2 ¹ / ₁₆	³ / ₈	⁷ / ₈	1 ³ / ₁₆	2 ¹ / ₁₆	¹ / ₁₆	¹ / ₄
124	2 ¹ / ₁₆	1 ¹ / ₂	2 ³ / ₈	³ / ₈	1 ¹ / ₁₆	1 ¹ / ₁₆	2 ¹ / ₁₆	1	¹ / ₁₆



H-2 Attachment

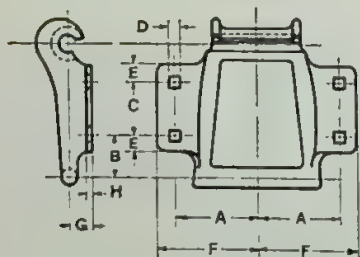
Chain No.	A	B	C	D
25	¹ / ₂	¹ / ₂	³ / ₄	⁵ / ₈
45	1 ¹ / ₁₆	1 ¹ / ₁₆	³ / ₄	⁷ / ₈
57	2 ¹ / ₁₆	2	³ / ₄	1 ¹ / ₁₆
78	2 ¹ / ₁₆	2 ³ / ₁₆	¹ / ₈	1 ³ / ₈
103	2 ³ / ₈	2 ¹ / ₄	¹ / ₁₆	2



Has Round-Countersunk Holes on Nos. 25 to 66.
Has Square-Countersunk Holes on Nos. 67 to 103.
Has Square-Straight Holes on Nos. 114, 124.

K-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
25	⁵ / ₈	¹ / ₂	¹ / ₂	¹ / ₈	⁷ / ₃₂	⁷ / ₈	³ / ₃₂
32	⁷ / ₈	¹ / ₂	³ / ₈	¹ / ₈	¹ / ₁₆	1 ³ / ₃₂	³ / ₃₂
33	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	³ / ₃₂
34	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
35	1	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
42	1	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
45	1	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
48	1 ¹ / ₁₆	1 ¹ / ₁₆	¹ / ₁₆	¹ / ₄	⁵ / ₈	1 ³ / ₄	⁵ / ₈
51	⁷ / ₈	⁵ / ₈	¹ / ₁₆	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
52	1 ¹ / ₁₆	³ / ₃₂	³ / ₃₂	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
55	1	³ / ₃₂	³ / ₃₂	¹ / ₁₆	¹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
57	1 ¹ / ₂	1 ¹ / ₈	⁵ / ₈	¹ / ₄	⁹ / ₁₆	1 ¹ / ₁₆	¹ / ₈
62	1 ¹ / ₁₆	³ / ₃₂	¹ / ₁₆	¹ / ₄	¹ / ₁₆	1 ⁵ / ₈	³ / ₃₂
66	1 ³ / ₈	1	¹ / ₁₆	¹ / ₄	¹ / ₂	1 ³ / ₃₂	¹ / ₁₆
67	1 ¹ / ₂	1 ¹ / ₁₆	¹ / ₁₆	¹ / ₄	¹ / ₁₆	2	³ / ₃₂
75	1 ¹ / ₁₆	1 ¹ / ₁₆	⁵ / ₈	¹ / ₄	³ / ₃₂	1 ² / ₃₂	³ / ₃₂
77	1 ¹ / ₂	1 ¹ / ₈	³ / ₃₂	¹ / ₄	² / ₃₂	1 ¹ / ₁₆	³ / ₃₂
78	1 ¹ / ₁₆	1 ¹ / ₄	⁵ / ₈	¹ / ₄	¹ / ₁₆	2 ¹ / ₈	³ / ₃₂
83	2	2	⁷ / ₈	³ / ₈	¹ / ₁₆	2 ³ / ₄	³ / ₃₂
88	1 ³ / ₃₂	1 ¹ / ₄	³ / ₄	¹ / ₁₆	¹ / ₁₆	2 ³ / ₈	¹ / ₁₆
103	2 ³ / ₃₂	1 ¹ / ₂	⁷ / ₈	³ / ₈	⁷ / ₈	2 ³ / ₃₂	¹ / ₄
114	2 ¹ / ₁₆	1 ⁵ / ₈	⁷ / ₈	¹ / ₂	¹ / ₁₆	3 ³ / ₃₂	¹ / ₁₆
124	3	2 ¹ / ₁₆	1	⁵ / ₈	1 ⁵ / ₁₆	4	¹ / ₁₆



Has Square-Countersunk Holes on Nos. 85, 95, 108.
Has Round-Straight Holes on Nos. 103, 104 ¹/₂, 114.
Has Square-Straight Holes on No. 122.

K-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
85	2 ¹ / ₁₆	1 ¹ / ₈	1 ³ / ₄	³ / ₈	1 ¹ / ₂	3 ³ / ₃₂	1 ¹ / ₈	¹ / ₁₆
95	2 ⁵ / ₈	1 ¹ / ₈	1 ⁵ / ₈	³ / ₈	1 ¹ / ₂	3 ¹ / ₁₆	1 ¹ / ₈	¹ / ₁₆
103	2 ¹ / ₁₆	¹ / ₂	1 ¹ / ₂	¹ / ₂	1 ¹ / ₂	2 ¹ / ₁₆	1 ¹ / ₈	¹ / ₁₆
104 ¹ / ₂	2 ³ / ₄	1 ¹ / ₂	1 ¹ / ₂	³ / ₈	1 ¹ / ₂	3 ³ / ₈	⁷ / ₈	³ / ₃₂
108	3 ¹ / ₈	1 ⁵ / ₈	2 ⁵ / ₈	³ / ₈	1 ¹ / ₂	3 ³ / ₃₂	⁵ / ₈	¹ / ₄
114	2 ¹ / ₈	¹ / ₈	1 ¹ / ₂	¹ / ₂	1 ¹ / ₂	2 ¹ / ₁₆	1 ¹ / ₈	³ / ₃₂
122	3 ³ / ₄	1 ⁷ / ₈	2 ³ / ₄	³ / ₈	⁵ / ₈	4 ¹ / ₂	1 ⁵ / ₃₂	³ / ₃₂

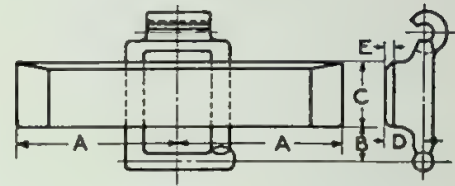
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Detachable Link Chains

Dimensions of Attachments

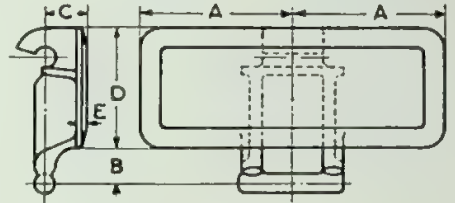
K-40 Attachment

Chain No.	A	B	C	D	E
45	$2\frac{5}{16}$	$\frac{3}{8}$	$\frac{13}{16}$	$\frac{1}{2}$	$\frac{1}{8}$
62	$2\frac{1}{2}$	$\frac{3}{16}$	$\frac{3}{16}$	$\frac{1}{16}$	$\frac{1}{16}$



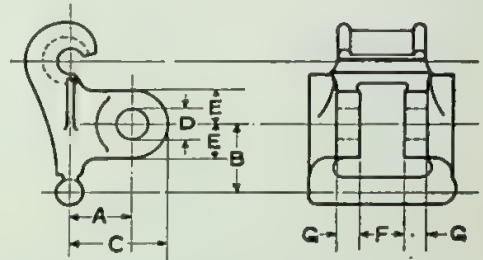
K-45 1/2 Attachment

Chain No.	A	B	C	D	E
45	$2\frac{1}{4}$	$\frac{3}{8}$	$\frac{17}{32}$	$1\frac{0}{16}$	$\frac{1}{8}$
55	$2\frac{1}{4}$	$\frac{1}{16}$	$\frac{1}{2}$	$1\frac{0}{16}$	$\frac{1}{8}$



M-3 Attachment

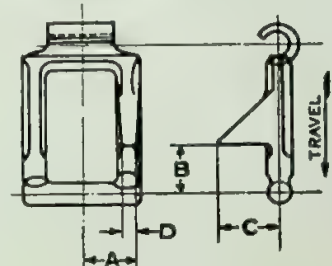
Chain No.	A	B	C	D Diam. of Bolts	E	F	G
77	$1\frac{3}{16}$	$1\frac{3}{16}$	$1\frac{13}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{15}{16}$	$\frac{3}{32}$
78	$1\frac{1}{4}$	$1\frac{1}{16}$	$1\frac{7}{8}$	$\frac{5}{8}$	$\frac{11}{16}$	1	$\frac{3}{8}$
83	$1\frac{7}{16}$	2	$2\frac{1}{8}$	$\frac{5}{8}$	$\frac{13}{16}$	$1\frac{3}{16}$	$\frac{7}{16}$
88	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{7}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	1	$\frac{7}{16}$
103	$1\frac{3}{8}$	$1\frac{1}{32}$	$2\frac{1}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$1\frac{1}{16}$	$\frac{11}{32}$



Has Round-Straight Holes for Bolts.

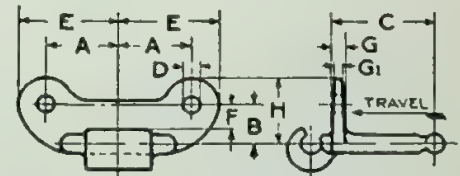
R-1 Attachment

Chain No.	A	B	C	D
75	1	$\frac{13}{16}$	1	$\frac{7}{32}$
78	$1\frac{3}{16}$	$\frac{13}{16}$	$1\frac{1}{8}$	$\frac{7}{32}$
88	$1\frac{1}{4}$	$\frac{13}{16}$	1	$\frac{1}{4}$



S-1 Attachment

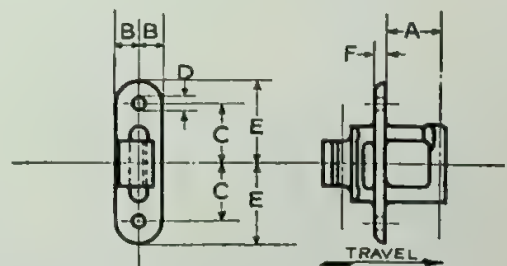
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	G1	H
25	$\frac{17}{32}$	$\frac{5}{16}$	$\frac{3}{4}$	$\frac{3}{16}$	$\frac{3}{4}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{16}$	$\frac{11}{32}$
33	$\frac{27}{32}$	$\frac{13}{16}$	$1\frac{1}{16}$	$\frac{3}{16}$	$1\frac{3}{32}$	$\frac{5}{16}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{3}{4}$
42	$\frac{27}{32}$	$\frac{13}{16}$	$1\frac{1}{32}$	$\frac{3}{16}$	$1\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{3}{4}$
45	$\frac{27}{32}$	$\frac{13}{16}$	$1\frac{11}{32}$	$\frac{3}{16}$	$1\frac{1}{8}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{3}{4}$
51	$\frac{11}{16}$	$\frac{7}{16}$	1	$\frac{3}{16}$	$1\frac{1}{16}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{3}{4}$
55	$\frac{27}{32}$	$\frac{13}{16}$	$1\frac{3}{8}$	$\frac{3}{16}$	$1\frac{3}{32}$	$\frac{1}{4}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{13}{16}$
62	1	$\frac{1}{32}$	$1\frac{1}{16}$	$\frac{1}{4}$	$1\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{16}$	$\frac{3}{32}$	$\frac{13}{16}$



Has Round-Straight Holes for Bolts.

S-5 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F
45	$\frac{39}{32}$	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{3}{16}$	$1\frac{1}{4}$	
55	$\frac{13}{16}$	$\frac{1}{16}$	$\frac{11}{16}$	$\frac{3}{16}$	$1\frac{1}{32}$	$\frac{1}{32}$

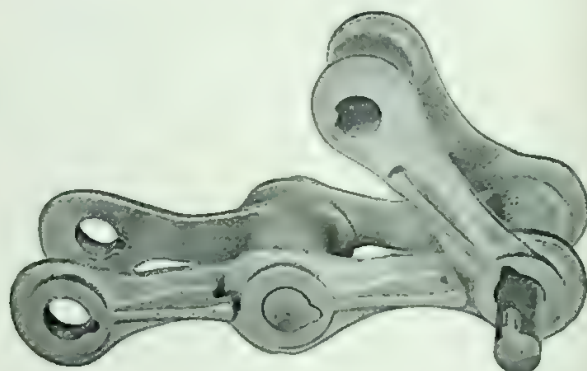
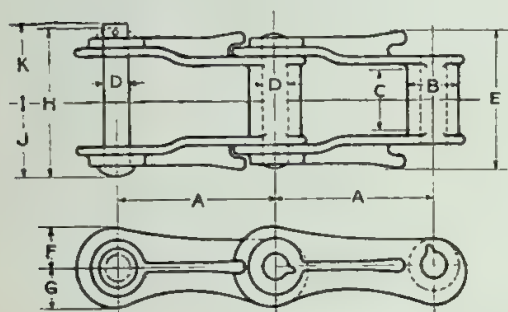


Has Round-Straight Holes for Bolts.

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Mey-Oborn Detachable Chains

The Mey-Oborn Chain is primarily a light drive chain and is the first step removed from the Detachable Chain by having a separate pin. Its particular feature is that the chain is so assembled as to positively retain its pin in place without having a head on one end or being riveted over on the other end. This feature makes the chain quite easy to install but somewhat limited to those conditions which are about free from abrasive grit or dirt.



Dimensions of Plain Chain

Chain No.	A Pitch Inches	Approx. Links in 10 Feet	Approx. Weight per Foot in Lbs.	Working Strength in Lbs. at 150 F. P. M.	Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Diam. of Barrel	C Max. Width of Sprocket	D Dia. of Pin	E Over-all	F	G	H	Coupling	
															J	K
42	1.375	88	1.09	480	700	3000	42 Det.	.562	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	$\frac{3}{8}$	$1\frac{3}{4}$	$\frac{7}{8}$	$1\frac{1}{2}$
52	1.506	80	1.48	610	600	4750	52 Det.	.688	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$1\frac{7}{8}$	$\frac{15}{16}$	$1\frac{3}{4}$
55	1.631	74	1.40	600	600	4925	55 Det.	.718	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$1\frac{7}{8}$	$\frac{15}{16}$	$1\frac{3}{4}$
62	1.654	73	1.92	850	600	5850	62 Det.	.812	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$2\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{8}$
77 $\frac{1}{2}$	2.297	52	2.32	1090	600	8300	77 Det.	.718	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$2\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{8}$
88	2.609	46	2.63	1390	500	8300	88 Det.	.876	$\frac{11}{16}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$2\frac{1}{8}$	$1\frac{1}{2}$	$1\frac{7}{8}$
103	3.075	39	5.29	2250	500	13530	103 Det.	1.218	$1\frac{1}{8}$	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{8}$	$3\frac{1}{2}$	$1\frac{3}{4}$	$1\frac{3}{4}$

†Working Strength in table increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical Speeds are not over half of maximum speeds.

List Price of Chains and Attachments

Chain No.	Kind	Price Per Foot—Chain With			Average Weight per Foot in Lbs.	Price Per 100—Pins Only			Average Weight per 100 in Lbs.
		Malleable Double Dowel Pins	Steel Rivet Pins	Steel Coupling Pins and Cotters		Malleable Double Dowel Pins	Steel Rivet Pins	Steel Coupling Pins and Cotters	
42	Plain	\$1.00	\$1.05	\$1.20	1.09	\$1.50	\$1.50	\$3.50	2.00
42	All K-1	1.40	1.45	1.60	1.57				
52	Plain	1.00	1.05	1.20	1.48	2.00	2.00	4.00	3.00
52	All K-1	1.50	1.55	1.70	1.92				
55	Plain	.90	.95	1.10	1.40	2.00	2.00	4.00	3.00
55	All K-1	1.20	1.25	1.40	1.77				
62	Plain	1.00	1.05	1.20	1.92	2.50	2.50	4.50	4.00
62	All K-1	1.35	1.40	1.55	2.41				
77 $\frac{1}{2}$	Plain	1.00	1.05	1.20	2.32	2.50	3.00	5.00	5.00
77 $\frac{1}{2}$	All F-2 Spec.	1.50	1.55	1.70	3.22				
88	Plain	1.10	1.20	1.35	2.63	5.00	5.50	8.00	12.50
88	All F-2	1.80	1.90	2.05	3.68				
88	All K-1	1.55	1.65	1.80	3.53				
103	Plain	*1.90	2.00	2.15	5.29	*18.00	18.00	21.00	25.00
103	All F-2	*2.75	2.85	3.00	7.35				
103	All K-1	*2.75	2.85	3.00	7.45				
103	All K-2	*2.90	3.00	3.15	7.85				

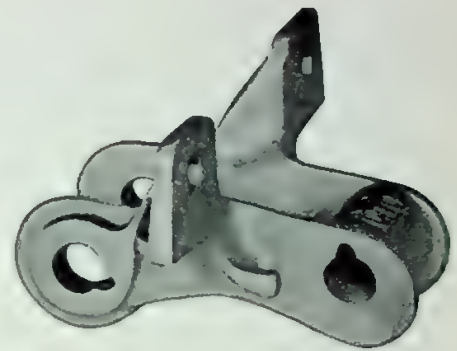
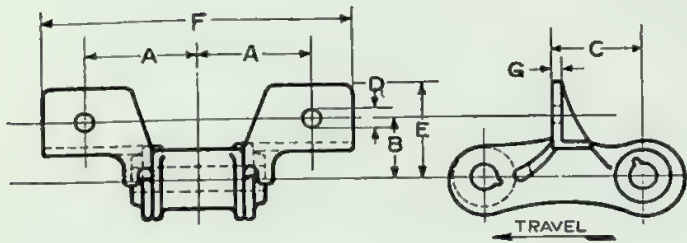
*Double Dowel Pins for No. 103 are Steel. All others Malleable.

All sizes can be furnished riveted or with coupling pins and cotters. Unless otherwise specified, chain will be furnished with double dowel pins.

For List of Sprockets, see pages 130 to 134 for Cast Iron and 154-155 for Cast Steel.

Jeffrey Mey-Oborn Detachable Chains

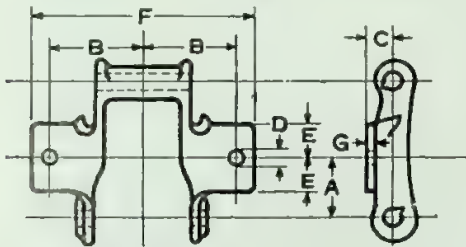
Attachments—Made on Order Only



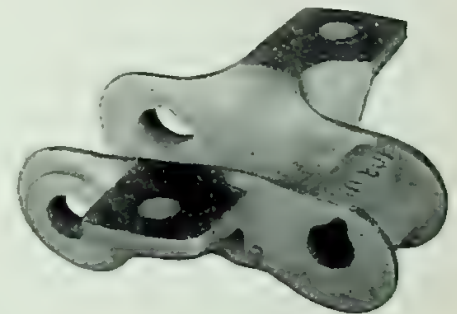
Has Round-Straight Holes for Bolts

F-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	Attachment Name
77½	1⅝	1⅜	1¼	⅝	1⅜	4⅞	⅝	F-2 Special
88	1⅞	1⅞	1⅞	⅞	1⅞	5¼	⅞	F-2
103	2⅝	1⅝	1⅝	⅞	2⅞	6¼	¾	F-2

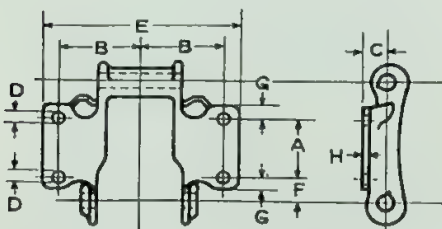


All Sizes have Round-Straight Holes except No. 88 which has Square Countersunk

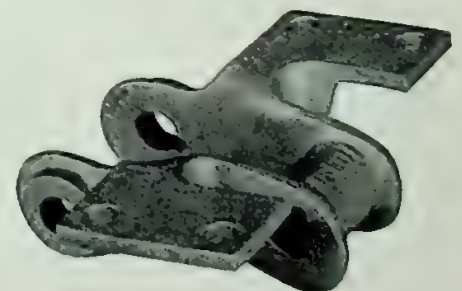


K-1 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
42	¾	1⅜	⅝	¼	⅜	3	⅜
52	⅞	1⅞	⅝	¼	⅜	3¼	⅞
55	1⅞	1¼	⅝	¼	⅜	3⅞	⅞
62	1⅞	1⅞	¾	¼	⅞	3⅞	⅞
88	1⅞	1⅞	⅞	⅞	⅞	4⅞	⅞
103	1¾	2⅞	1⅞	⅞	¾	6⅞	¾



Has Round-Straight Holes for Bolts



K-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
103	1⅝	2⅝	1	⅜	6⅞	1½	⅞	¼

Jeffrey Hercules Chains

A Combination Malleable Iron and Steel Chain

Designed especially for extra heavy work in handling gritty material in Cement Plants, Chemical Works, Mines etc., and is also extensively used for general elevating and conveying work.



THE Hercules Chain is the first step toward the all steel type of chain and therefore makes a very economical chain in consideration of not only its wearing qualities but especially of its ability to withstand shocks.

In the regular Hercules Chain, the block links are made of high quality malleable iron with the side bars and pins of .40 carbon steel. However, when desired the block links can be made of high carbon cast steel, or where greater strength is required, the block links can be made of alloy cast steel with the side bars and pins heat treated.

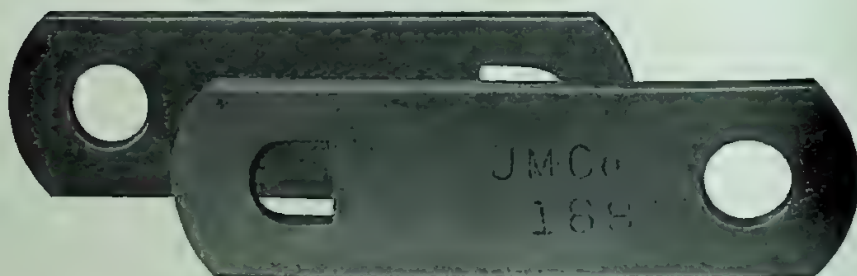
The Hercules chain is often used as the intermediate step in service between Reliance and Peerless Chains.

Its application is for drives of moderate speed and quite extensively for elevators and conveyors where it is well fitted for the handling of gritty materials. In elevator service it is usually attached to buckets in single and double strands and in conveyors of single or multiple strands with or without pusher attachments.

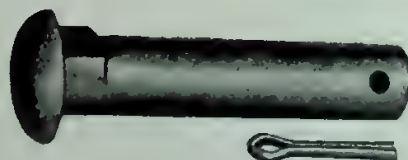
Large quantities of Hercules Chain are used in the lumber industry for conveying logs, planks and refuse and also in the paper industry for handling pulp wood.

A practically dust proof chain of very simple construction.

A substitute for many Detachable Link Chains, see page 14.



Interchangeable Side Bars



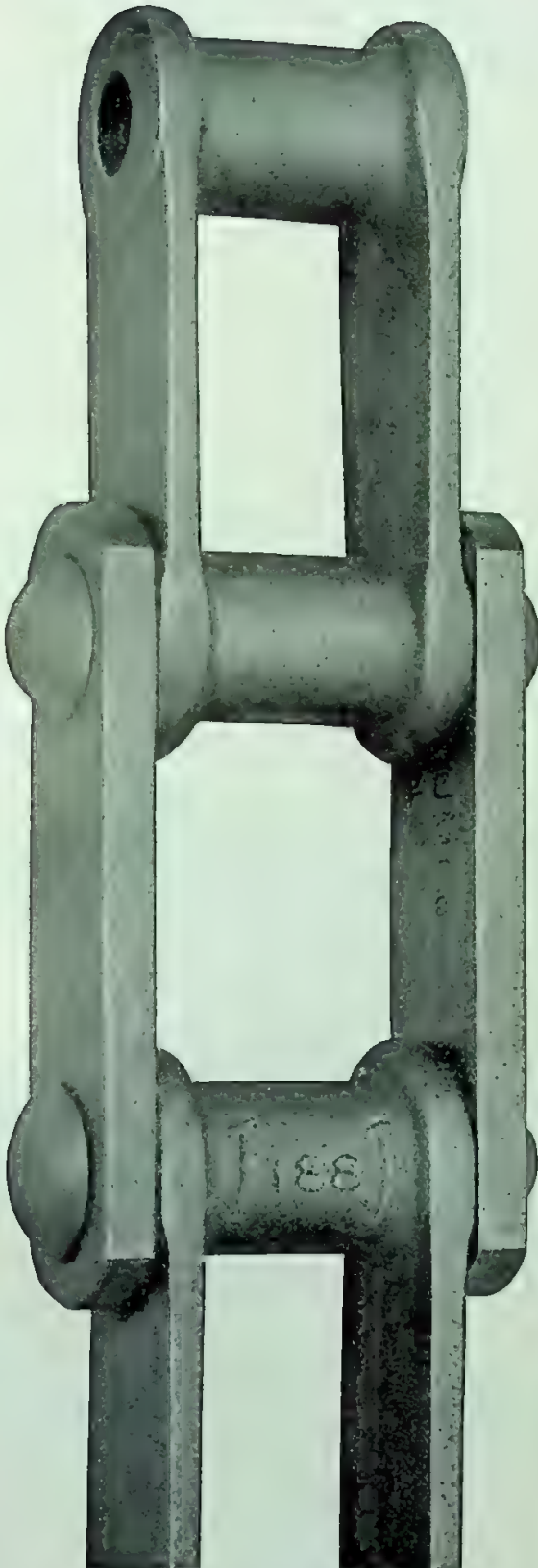
Coupling Pin



Rivet Pin

Jeffrey Hercules Chains

Shown approximately actual size.



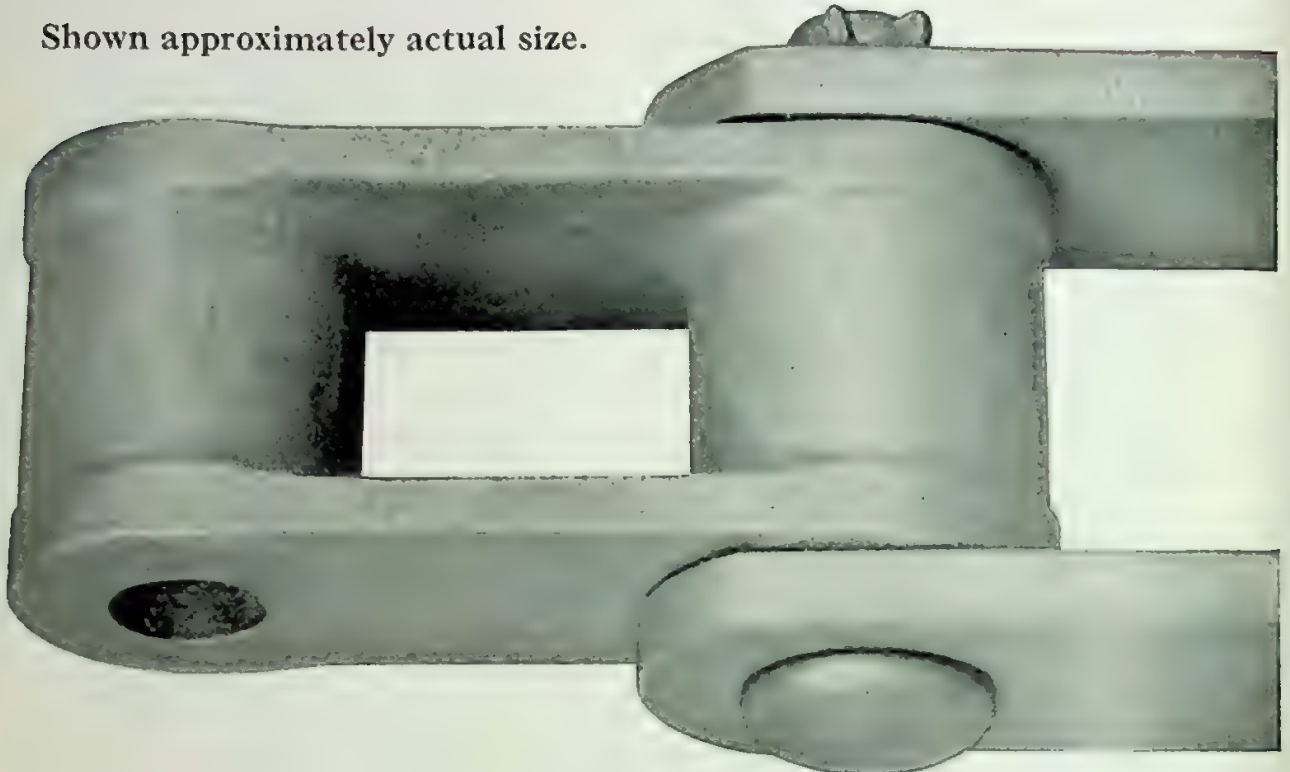
No. 188—Pitch 2.609 inches. Average Ultimate Strength 14,000 lbs. Use Sprockets No. 88 Detachable.



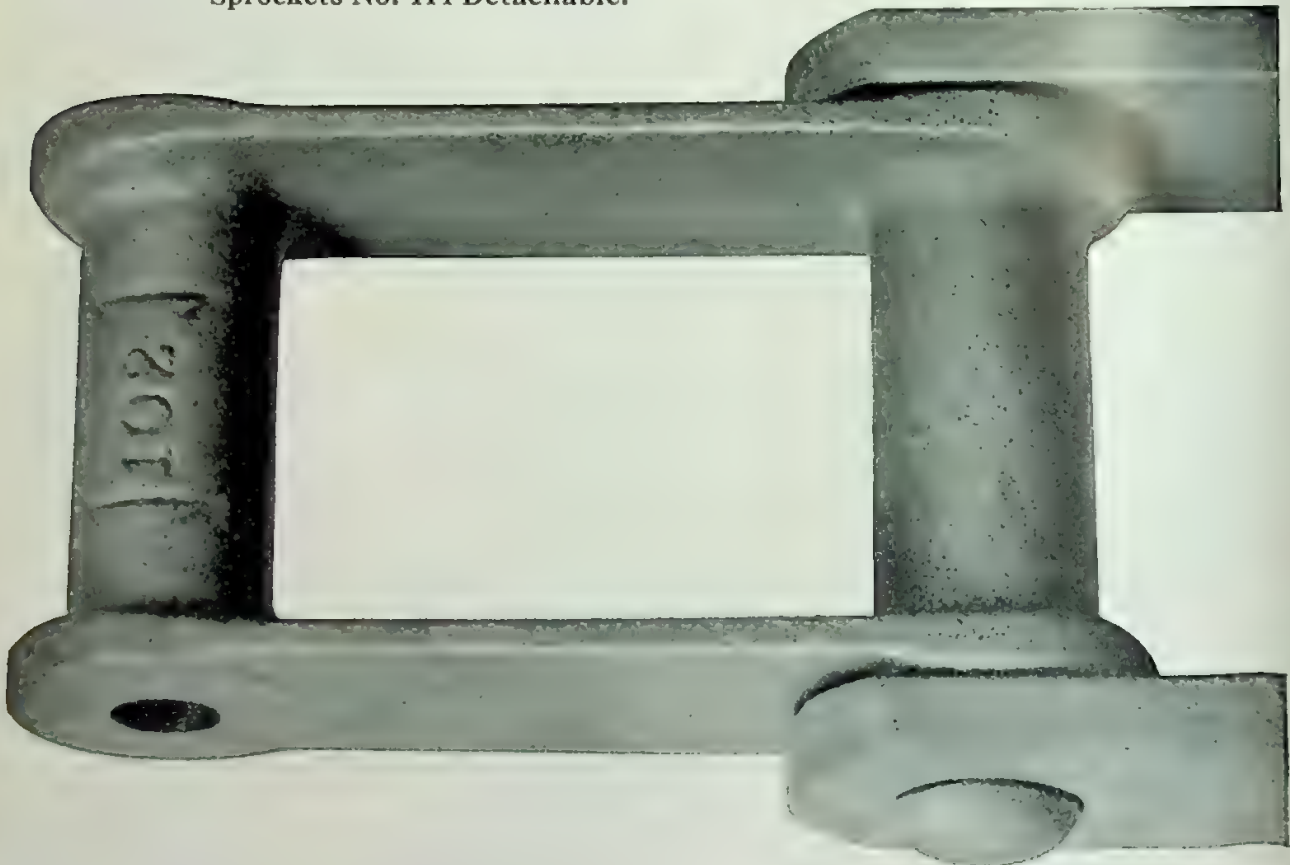
No. 131—Pitch 3.075 inches. Average Ultimate Strength 24,000 lbs. Use Sprockets No. 103 Detachable.

Jeffrey Hercules Chains

Shown approximately actual size.



No. 214—Pitch 3.25 inches. Average Ultimate Strength, 36,000 lbs. Use Sprockets No. 114 Detachable.



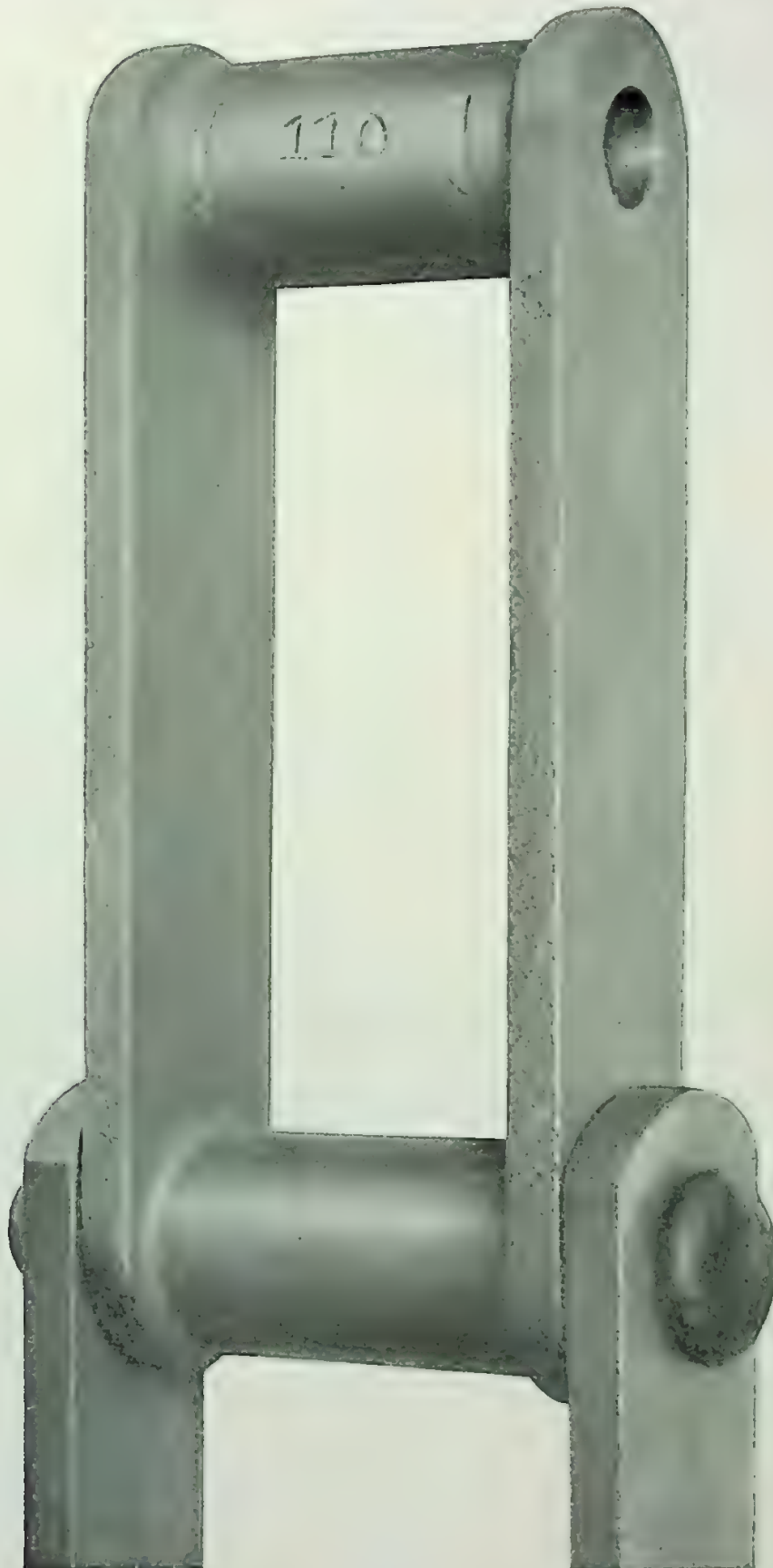
No. 102— Pitch 3.96 inches. Average Ultimate Strength, 18,000 lbs. Use Sprockets No. 102-B.

No. 102B—Pitch 3.96 inches. Average Ultimate Strength, 24,000 lbs. Use Sprockets No. 102-B.

No. 102½—Pitch 4.03 inches. Average Ultimate Strength, 36,000 lbs. Use Sprockets No. 102½.

Jeffrey Hercules Chains

Shown approximately actual size.



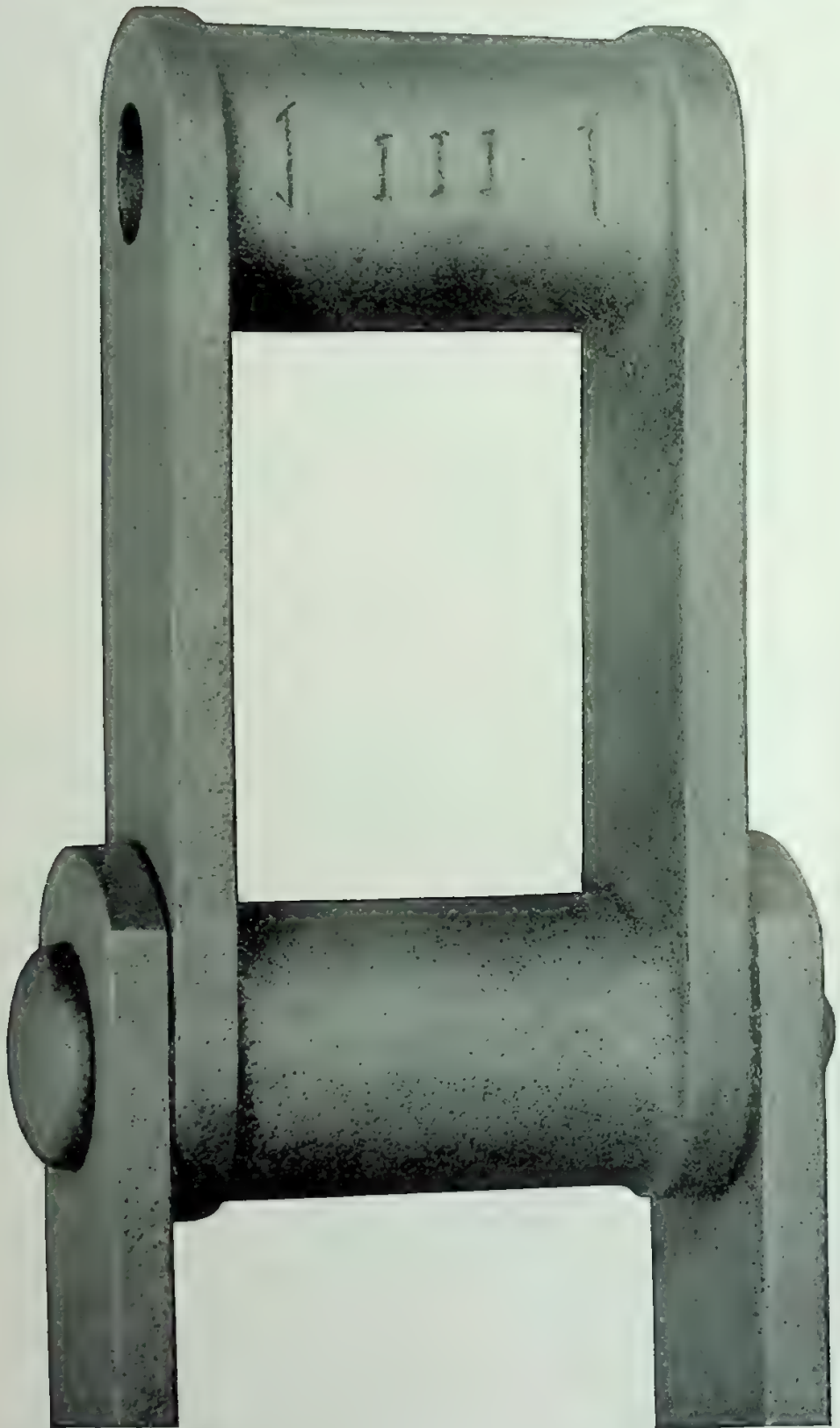
No. 110—Pitch 6.00 Inches.
Sprockets No. 110.

Average Ultimate Strength, 24,000 lbs.

Use

Jeffrey Hercules Chains

Shown approximately actual size.



No. 111—Pitch 4.78 inches. Average Ultimate Strength, 36,000 lbs.
Use Sprockets No. 111.

Jeffrey Hercules Chains

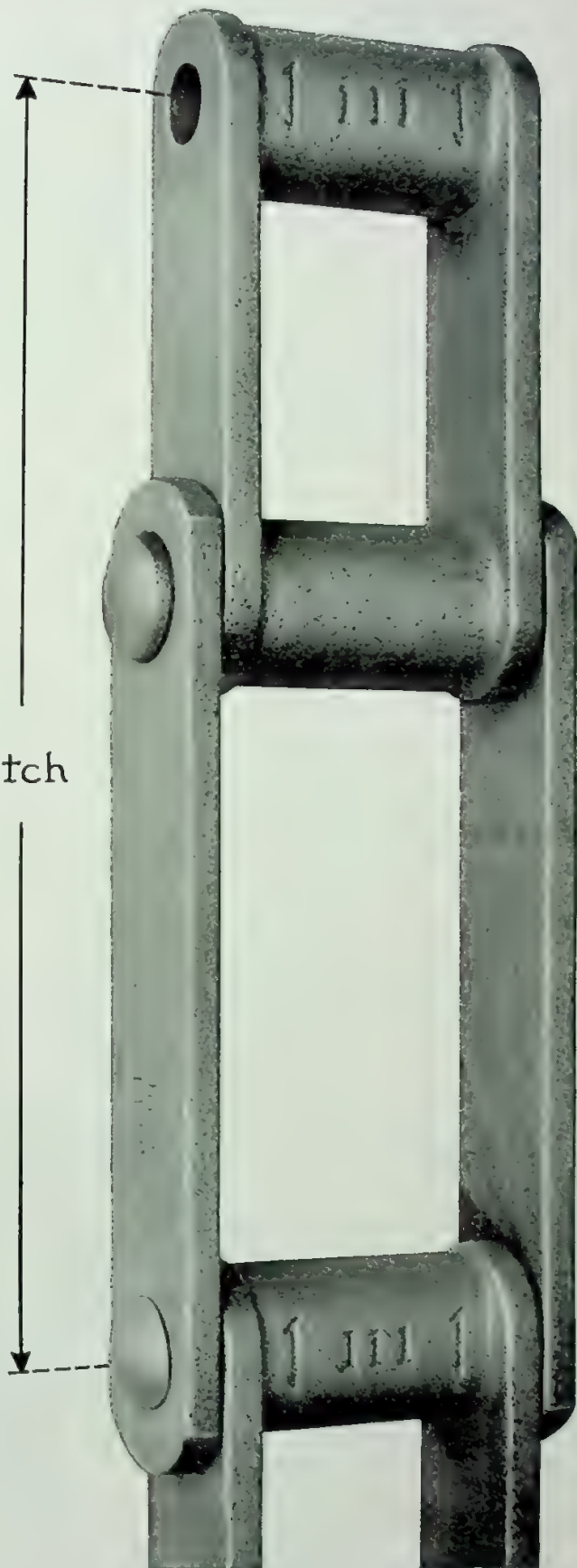
No. 111 Special—Pitch 12 inches.
Average Ultimate Strength, 36,000
lbs. Use No. 111 Special Sprockets.

This chain is the same as No. 111 except
that it has steel side bars 7.22 inch pitch,
making the pitch of two links 12 inches.

No. 110 Special—Pitch 18 inches.
Average Ultimate Strength, 24,000
lbs. Use No. 110 Special Sprockets. Pitch

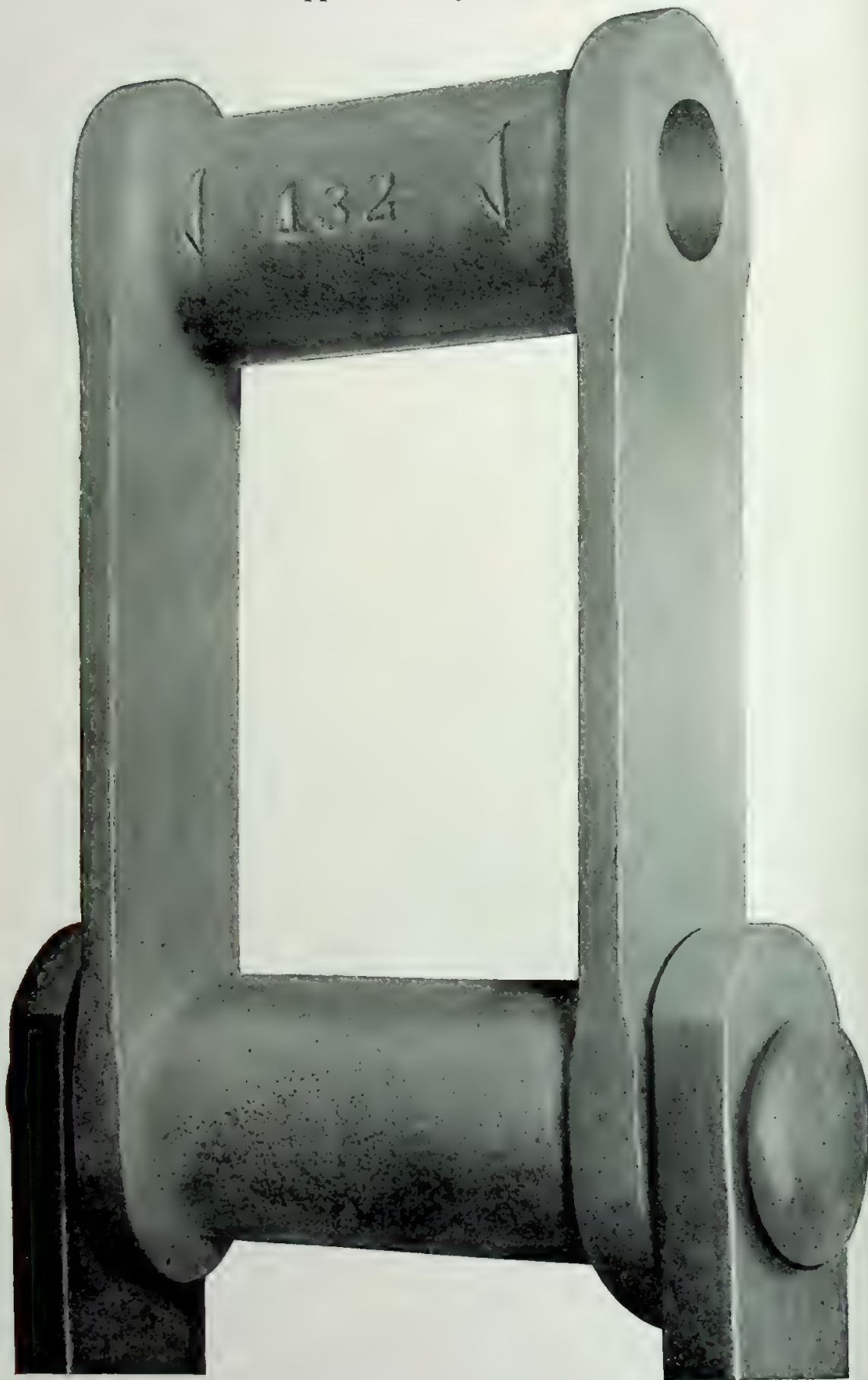
This chain is the same as No. 110 except
that it has steel side bars 12.0 inch pitch,
making the pitch of two links 18 inches.

The Special Hercules Chains are gener-
ally used in connection with elevator buckets
with malleable iron or angle iron K-2 Attach-
ment every other link. For Bucket Ele-
vators, the No. 110 Special is used with the K-3
Angle attachment on one side of every link
and can be used for double strand bucket
elevators only.



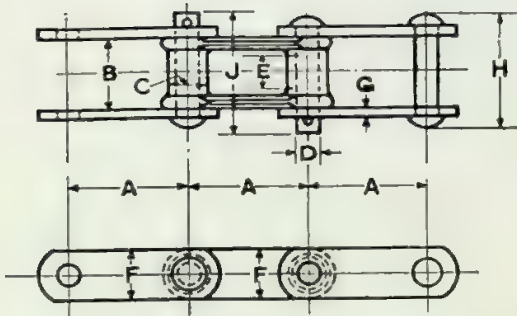
Jeffrey Hercules Chains

Shown approximately actual size.



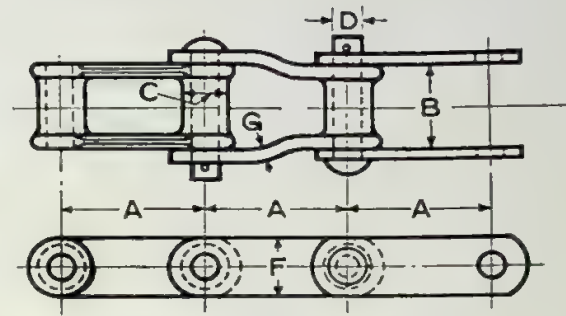
No. 132—Pitch 6.125 Inches. Average Ultimate Strength, 50,000 lbs.
Use Sprockets No. 132.

Jeffrey Hercules Chains



Plain Chain

List Price and
Dimensions of
Plain Chains



Couplers

Made up with Riveted Pins unless otherwise Ordered.

Chain No.	List Price Chain Per Ft.	A Pitch Inches	Aver. Weight Per Foot Pounds	Working Strength at 150 F. P. M. Pounds	Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Inside Side Bars Inches	C Diam. of Barrel Inches	D Diam. of Pin Ins.	E Max. Width of Sprkt. Inches	Side Bars		H Over-all Riveted Chain	J Over-all Coupled Chain
												F	G		
102	\$1.40	3.96	5.9	2500	450	18000	102B	2 1/8	3 1/2	1 1/2	2	1 1/2	3/8	4	4 3/4
102-B	1.40	3.96	6.4	3900	450	24000	102B	2 1/8	1	5/8	2	1 1/2	3/8	4 1/8	4 1/8
102 1/2	1.90	4.03	9.0	5600	400	36000	102 1/2	2 1/8	1 3/8	3/4	2	1 3/4	3/8	4 1/8	4 1/8
110	1.30	6.00	5.9	3900	350	24000	110	2 1/8	1 1/4	5/8	1 1/8	1 1/2	3/8	4 1/8	4 1/8
**110 Sp.	.95	6.00	7.2	3900	300	24000	110 Sp.	2 1/8	1 1/4	5/8	1 1/8	1 1/2	3/8	4 1/8	4 1/8
		12.00													
111	1.75	4.78	9.3	5600	400	36000	111	3 3/8	1 3/8	3/4	2 3/8	1 3/4	3/8	4 3/4	4 1/8
**111 Sp.	1.60	4.78	7.9	5600	350	36000	111 Sp.	3 3/8	1 3/8	3/4	2 3/8	1 3/4	3/8	4 3/4	4 1/8
		7.22													
131	1.40	3.075	6.7	3750	550	24000	103 Det.	2	1 1/4	5/8	1 1/8	1 1/2	3/8	3 1/8	3 1/2
132	2.50	6.125	13.1	10000	300	50000	132	4 3/8	1 3/4	1	3 1/8	2	1 1/2	6 1/8	6 1/4
188	.90	2.609	3.5	2450	600	14000	88 Det.	1 1/8	7/8	1 1/2	1 1/8	1 1/8	1/4	2 1/2	2 1/8
214	2.40	3.25	11.0	4800	400	36000	114 Det.	2 1/8	1 5/8	3/4	1 1/8	1 3/4	3/8	3 1/2	3 3/4
1226	2.00	6.00	9.6	7300	325	43000	1226	3 3/8	1 1/2	7/8	2 1/8	1 3/4	1 1/2	5 1/8	5 1/4

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

†Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min, see page 121.

§Economical Speeds are half of "Max." Speeds.

**Alternate long and short pitches, with long pitch in steel side bars.

†List Prices cover Riveted Chain.

List Price Each of Detached Parts

Name of Part	102	102B	102 1/2	110	110 Sp	111	111 Sp	131	132	188	214	1226
Number of links in 100 feet of Chain	304	304	296	200	133	251	200	391	196	462	369	200
Block Link, M. I.	\$0.40	\$0.40	\$0.65	\$0.70	\$0.70	\$0.72	\$0.72	\$0.30	\$1.20	\$0.16	\$0.65	\$0.90
Plain Side Bars, Steel	.16	.16	.20	.21	.32	.21	.30	.14	.35	.06	.20	.32
Pin, Rivet, Steel	.10	.13	.14	.13	.13	.16	.16	.10	.37	.06	.14	.28
Pin, Cottered, Steel	.11	.15	.18	.15	.15	.20	.20	.12	.44	.07	.18	.32
††Coupling Link, M. I.	.65	.65	.85	.85		.90	.90	.50	1.60	.25	.75	
C-3 Att. (Block Link) M. I.						1.20	1.20	.60	2.00			
D-D Att. (Block Link) M. I.											1.00	
F-2 Att. (Block Link) M. I.			1.50			1.40	1.40	.80		.45		
F-27 Att. (Block Link) M. I.												2.40
G-6 Att. (Block Link) M. I.				1.20		1.35	1.35	.65		.40		
*G-9 Att. (Steel Riv. to Side Bar)	1.10	1.10		1.10		1.20	1.20	1.00	1.25			
G-19 Att. (Block Link) M. I.								.70		.45		
H-36 Att. (Spur) M. I.								1.30		1.00		
*H-37 Att. (Spur) C. I.								3.60				
K-1 Att. (Block Link) M. I.										.40		
K-1 Att. (Steel Side Bar)										.25		
K-2 Att. (Block Link) M. I.			.95	1.05		1.10	1.10		1.90			
K-2 Att. (Steel Side Bar)			.45	.50		.50	.75		.80			.80
K-1 and K-2 Att. (Block Link) M. I.	.75	.75						.50				
K-1 and K-2 Att. (Steel Side Bar)	.40	.40						.35				
K-3 Att. (Steel Side Bar)					.85							
K-12 Att. (Block Link) M. I.		.85										
K-12 Att. (Steel Side Bar)		.45										
S Att. (Steel Side Bar)	.55	.55	.55	.60		.65	.80	.50	1.05	.35	.60	1.05

††Coupling Link, without Pins. Specify one or two Pins as required.

*Price of Plain Side Bar to be added to make complete attachment.

*Replaces Plain Block Link when Assembled in Chain.

For List of Sprockets, see page 135 for Cast Iron and 155 for Cast Steel.

Jeffrey Hercules Chains

Plain Chains and Attachments

List Prices Per Foot Assembled

Attachment		102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Style	Spacing per Link												
Plain Chain.....		\$1.40	\$1.40	\$1.90	\$1.30	\$0.95	\$1.75	\$1.60	\$1.40	\$2.50	\$0.90	\$2.40	\$2.00
D-D (Mall.).....	2nd											3.00	
	4th											2.75	
	6th											2.60	
	8th											2.50	
F-2 (Mall.).....	2nd			2.80			2.50	2.20	2.20		1.35		
	4th			2.45			2.20	1.95	1.90		1.20		
	6th			2.30			2.10	1.85	1.80		1.10		
G-6 (Mall.).....	2nd				1.75		2.50	2.10	2.00		1.50		
	4th				1.55		2.25	1.90	1.70		1.40		
	6th				1.40		2.15	1.80	1.60		1.30		
G-9 (Steel).....	2nd	3.05	3.05		2.40		3.25	2.80	3.35	3.70			
	4th	2.25	2.25		1.85		2.50	2.20	2.40	3.10			
	6th	1.95	1.95		1.70		2.25	2.00	2.05	2.90			
	8th	1.85	1.85		1.60		2.10	1.90	1.90	2.80			
	10th	1.75	1.75		1.55		2.05	1.85	1.80	2.75			
G-19 (Mall.).....	2nd								2.10		1.70		
	4th								1.80		1.50		
	6th								1.70		1.40		
	8th								1.60		1.30		
K-1 or K-2 { (Mall.)..... (Mall. and Steel)..... (Mall.)..... (Mall. and Steel)..... (Mall.)..... (Mall. and Steel).....	2nd	†1.75	†1.75	†2.35	†1.60		†2.25	†1.90	†1.90	†3.10	*1.40		
	3rd	†1.70	†1.70	†2.30	†1.55		†2.20		†1.85	†3.00	*1.30		
	4th	†1.60	†1.60	†2.20	†1.45		†2.10	†1.75	†1.80	†2.80	*1.20		
	5th	†1.55	†1.55	†2.15	†1.40		†2.05		†1.70	†2.75	*1.15		
	6th	†1.50	†1.50	†2.10	†1.40		†2.00	†1.70	†1.65	†2.70	*1.10		
	All	†2.30	†2.30	†3.00	†2.00		†2.75		†2.50	†3.80	*2.00		
K-1 or K-2 (Steel).....	2nd	†1.95	†1.95	†2.60	†1.75		†2.45	†2.10	†2.10	†3.40	*1.55		2.70
	4th	†1.70	†1.70	†2.30	†1.55		†2.25		†1.90	†2.95	*1.30		2.25
	6th	†1.60	†1.60	†2.20	†1.45		†2.10		†1.75	†2.85	*1.15		2.15
K-3 (Steel).....	2nd					1.35							
	4th					1.20							
	6th					1.10							
K-12 { (Mall.)..... (Mall. and Steel).. (Mall.)..... (Mall. and Steel).. (Mall.)..... (Mall. and Steel).. All	2nd		2.00										
	3rd		1.95										
	4th		1.70										
	5th		1.65										
	6th		1.60										
	All												

Bold Face Type Indicates Carried in Stock Sizes.

*K-1 Attachment Only

†K-2 Attachment Only.

‡K-1 and K-2 Attachments Combined.

Jeffrey Hercules Chains

Plain Chains and Attachments

Weight Each in Pounds of Detached Parts

Name of Part	102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Block Link, M. I.	1.8	1.8	3.0	2.8	2.8	3.7	3.7	0.31	6.1	0.7	2.8	4.0
Plain Side Bars, Steel	0.9	0.9	1.0	1.2	2.2	1.1	1.5	1.5	2.1	0.3	1.1	2.0
Pin, Rivet, Steel	0.28	0.4	0.6	0.4	0.4	0.7	0.7	0.7	1.5	0.16	0.6	1.0
Pin, Cottred, Steel	0.28	0.4	0.6	0.4	0.4	0.7	0.7	0.31	1.5	0.16	0.6	1.0
Coupling Link, M. I. Without Pins	1.7	1.7	2.5	2.6		3.0		1.4	5.3	0.7	2.5	
C-3 Att. (Block Link) M. I.						4.6		1.9	8.4			
D-D Att. (Block Link) M. I.											3.7	
F-2 Att. (Block Link) M. I.			4.9			5.1	5.1	2.8		1.1		
F-27 Att. (Block Link) M. I.												8.7
G-6 Att. (Block Link) M. I.				4.1		4.9	4.9	2.1		1.1		
G-9 Att. (only)	1.1	1.1		1.1		1.3	1.3	0.9	1.3			
G-19 Att. (Block Link) M. I.								2.2		1.1		
H-36 Att. (Spur) M. I. Assembled in Attachment Link								1.6		1.1		
H-37 Att. (Spur) C. I.								6.6				
K-1 Att. (Block Link) M. I.										0.9		
K-1 Att. (Steel Side Bar)										0.5		
K-2 Att. (Block Link) M. I.			3.8	4.0		4.8	4.8		8.2			
K-2 Att. (Steel Side Bar)			1.5	1.9		1.8	3.0		3.5			3.7
K-1 and K-2 Att. (Block Link) M. I.	2.4	2.6						2.1				
K-1 and K-2 Att. (Steel Side Bar)	1.4	1.4						1.0				
K-3 Att. (Steel Side Bar)					5.4							
K-12 Att. (Block Link) M. I.		2.8										
K-12 Att. (Steel Side Bar)		1.0										
S Att. (Steel Side Bar, Each)	1.9	1.9	2.0	2.8		2.9	5.3	1.5	5.3	0.8	3.0	4.0

Weight in Pounds Per Foot Assembled

Attachment		102	102B	102½	110	110 Spec.	111	111 Spec.	131	132	188	214	1226
Style	Spacing per Link												
Plain Chain		5.9	6.4	9.0	5.9	7.2	9.3	7.9	6.7	13.1	3.5	11.0	9.6
D-D (Mall.)	2nd											12.8	
	4th											11.9	
	6th											11.6	
F-2 (Mall.)	2nd			11.9			11.0	9.3	9.0		4.5		
	4th			10.4			10.1	8.6	7.9		4.0		
	6th			10.0			9.9	8.3	7.5		3.8		
G-6 (Mall.)	2nd				7.1		10.7	9.1	7.9		4.3		
	4th				6.5		10.0	8.5	7.3		3.9		
	6th				6.3		9.8	8.3	7.0		3.8		
G-9 (Steel)	2nd	7.6	8.1		7.0		10.9	9.2	7.7	15.3			
	4th	6.7	7.3		6.5		10.1	8.6	7.2	14.2			
	6th	6.5	7.0		6.3		9.5	8.3	7.1	13.8			
G-19 (Mall.)	2nd								8.0		4.4		
	4th								7.3		4.0		
	6th								7.1		3.7		
K-1 or K-2	(Mall.)	†7.0	†7.8	†10.2	†7.0		†10.6	†9.1	†7.7	†15.1	*4.5		
	(Mall. and Steel)	†6.7	†7.5	†9.9	†6.8		†10.4		†7.5	†14.7	*4.2		
	(Mall.)	†6.4	†7.1	†9.8	†6.4		†10.0	†8.5	†7.2	†14.1	*4.0		
	(Mall. and Steel)	†6.4	†7.0	†9.5	†6.3		†9.9		†7.2	†14.0	*3.9		
	(Mall.)	†6.2	†6.9	†9.4	†6.2		†9.7	†8.3	†7.0	†13.8	*3.8		
	(Mall. and Steel)	†8.7	†9.6	†11.9	†8.6		†12.5		†9.3	†18.0	*5.6		
K-1 or K-2	(Steel)	†6.3	†6.8	†10.9	†6.6		†11.5	†8.4	†7.4	†15.5	*3.8		13.0
		†6.1	†6.6	†9.9	†6.2		†10.3		†7.0	†14.3	*3.6		11.3
		†6.0	†6.5	†9.6	†6.0		†10.0		†6.8	†13.8	*3.5		10.7
K-3	(Steel)					11.4							
K-12	(Mall.)		8.6										
	(Mall. and Steel)		7.8										
	(Mall.)		7.5										
	(Mall. and Steel)		7.2										
	(Mall.)		7.1										
	(Mall. and Steel)		10.7										

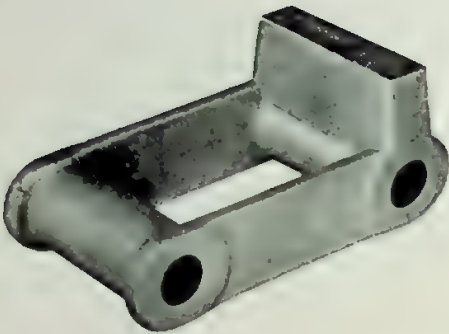
*K-1 Attachment Only.

†K-2 Attachment Only.

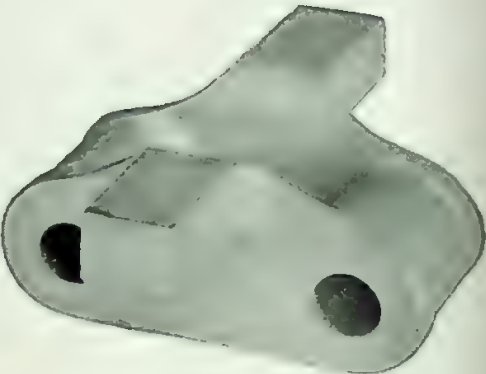
‡K-1 and K-2 Attachments Combined.

Jeffrey Hercules Chains

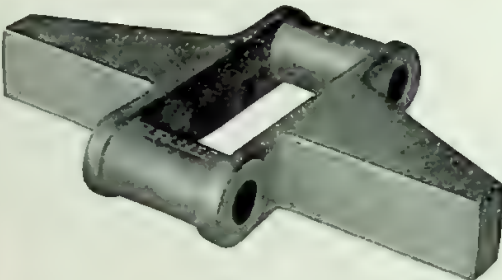
Attachments



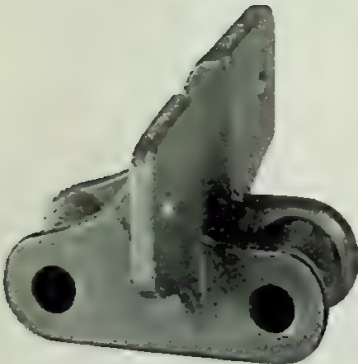
C-3



DD



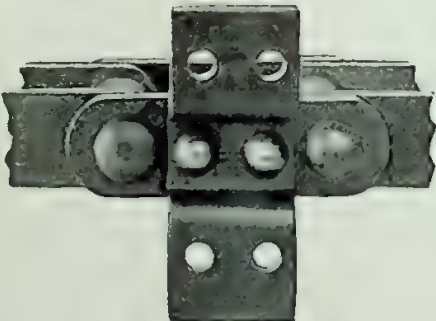
F-27



F-2



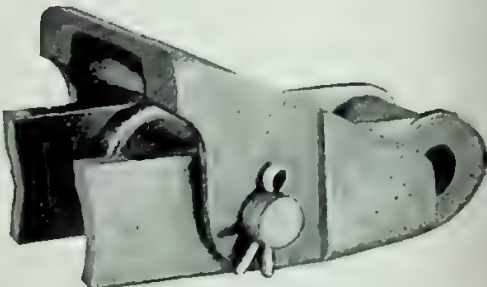
G-6



G-9



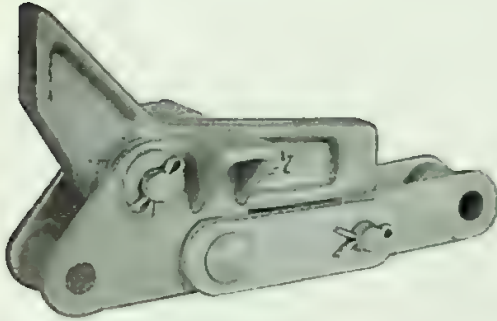
G-19



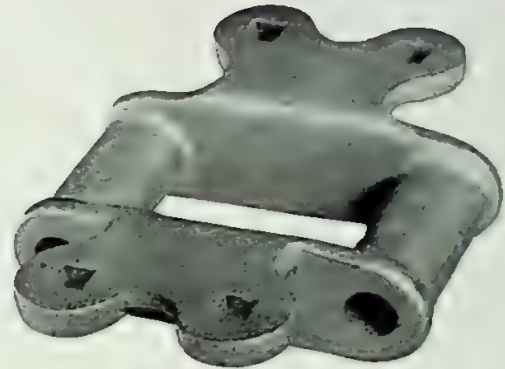
H-36

Jeffrey Hercules Chains

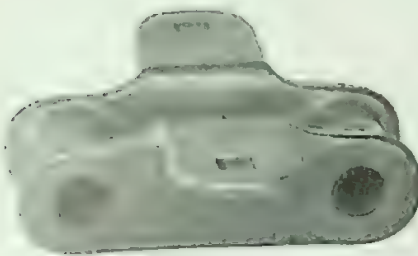
Attachments



H-37



K-12 Mall.



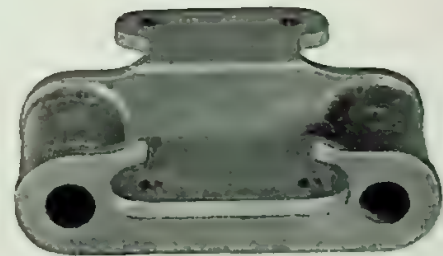
K-1 Mall.



K-1 Steel

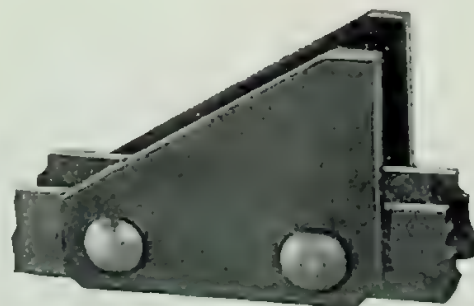


K-2 Steel.



K-2 Mall.

K-3—Same as above, but has 3 holes

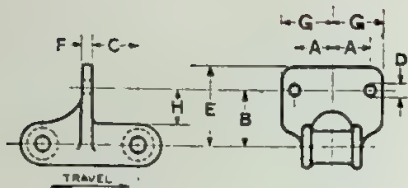


S—Steel

Jeffrey Hercules Chains

Dimensions of Attachments

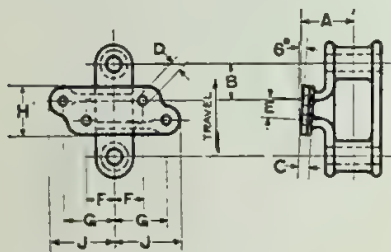
F-2 Attachment



Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam of Bolts	E	F	G	H
102½	2⅞	2	1½	⅜	3⅛	⅝	3⅞	1⅛
111	3⅜	2	1¾	⅜	2⅞	⅝	3⅞	1⅛
111 Spec	3⅜	2	1¾	⅜	2⅞	⅝	3⅞	1⅛
131	2⅜	1⅞	1½	⅜	2¾	⅝	3⅞	1⅛
188	1	1½	1¼	⅝	2⅛	⅝	1⅜	1½

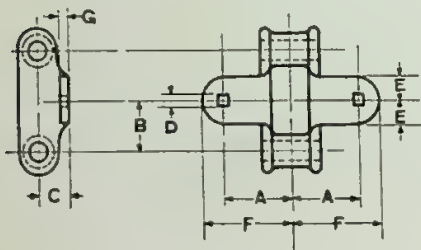
G-6 Attachment



Has Round-Straight Holes for Bolts.
Can be furnished either Right or
Left Hand—Left Hand shown.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
110	2½	2⅞	⅝	⅜	⅞	1⅞	1¾	2¼	2⅝
111	2⅝	2	⅝	⅜	⅞	1⅞	1¾	2¼	2⅝
111 Spec	2⅝	2	⅝	⅜	⅞	1⅞	1¾	2¼	2⅝
131	2⅞	1¼	¼	⅜	⅞	1⅞	1¾	2¼	2⅝
188	1½	1⅜	¼	¼	⅞	1⅞	1¾	1⅜	1⅜

K-1 (Mall.) Attachment

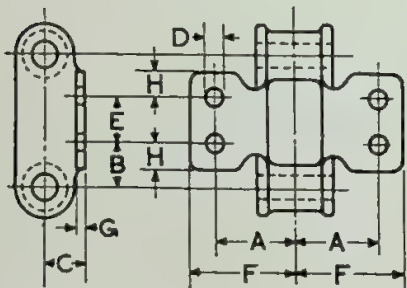


Has Square-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
188	1⅜	1⅞	⅝	⅝	⅜	2⅞	⅞

Dimensions for K-1 Steel same as above.

K-2 (Mall.) Attachment



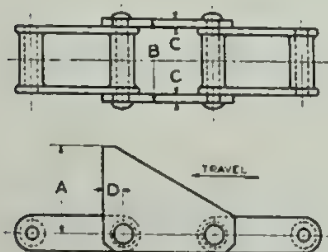
Has Round-Straight Holes for Bolts.

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
102½	2⅞	1⅞	1⅞	⅜	1¾	3⅞	¼	2½
110	2⅞	2⅞	⅝	⅜	1¾	3⅞	¼	1⅞
111	3⅞	1⅞	1⅞	⅜	2⅞	3⅞	¼	1⅞
111 Spec.	3⅞	1⅞	1⅞	⅜	2⅞	3⅞	¼	1⅞
132	3¾	1⅞	1¼	½	2¾	4½	⅝	⅝
*1226	3½	1¼	1⅞	½	3½	4⅞	1½	.....

Dimensions for K-2 Steel same as above.

*Steel Angle only.

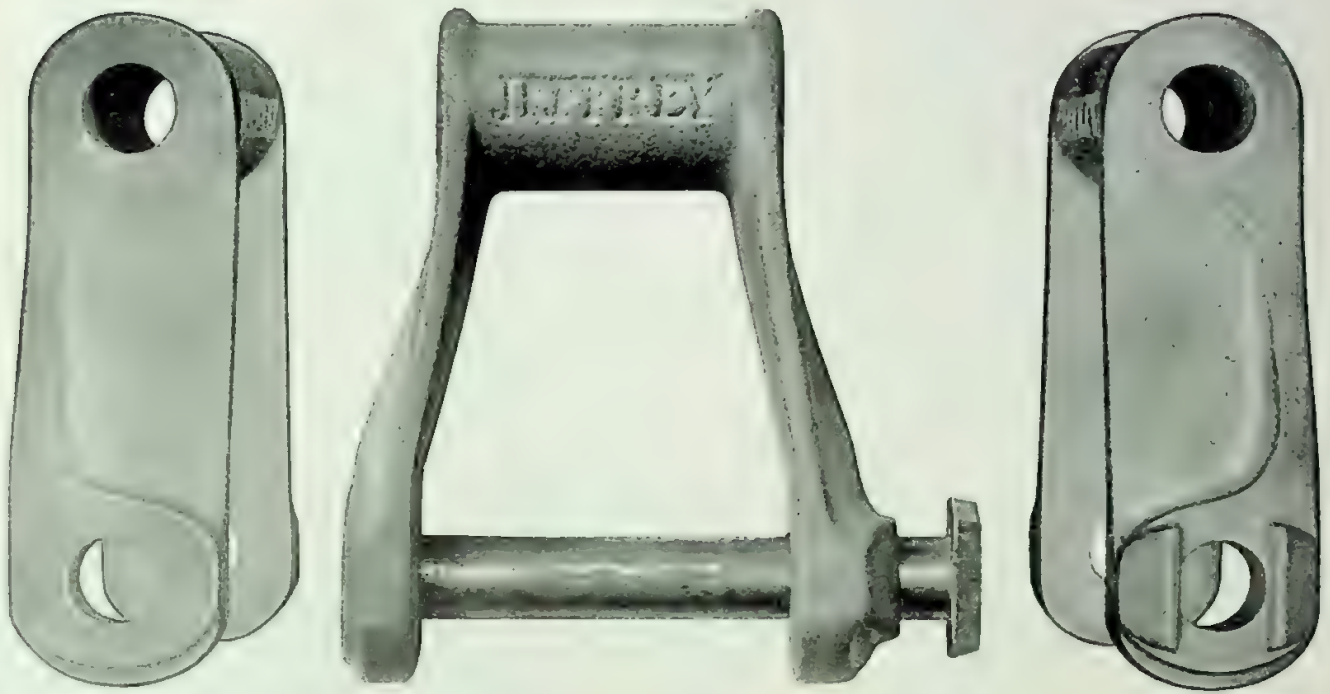
S Attachment



Chain No.	A	B	C	D	Chain No.	A	B	C	D
102	3¾	3⅞	⅜	⅝	111 Spec	4⅜	4⅞	⅜	1⅞
102B	3¾	3⅞	⅜	⅝	131	3¼	2¾	⅜	⅞
102½	3¾	3⅞	⅜	1⅞	132	5	5⅞	1½	1⅞
110	4¼	3⅞	⅜	1	188	2⅞	2⅞	¼	1⅞
111	4⅜	4⅞	⅜	1⅞	214	4⅜	2⅞	⅜	1⅞
					1226	4½	4⅞	1½	1

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Reliance Riveted Saw Mill Chains

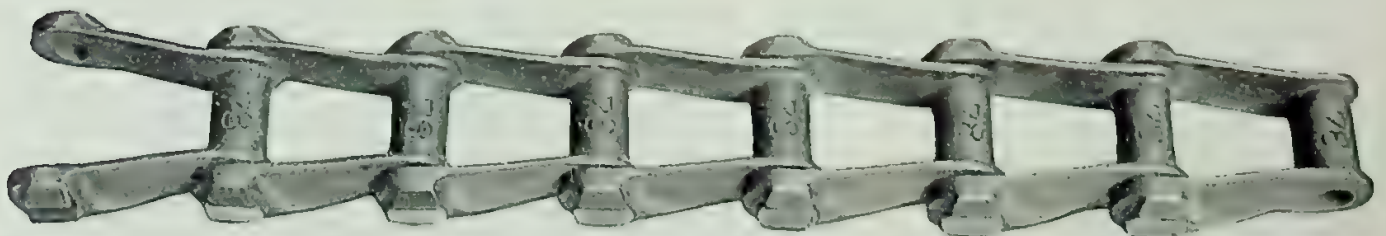


RELIANCE Chain is the natural outgrowth of both the Detachable and Mey-Oborn Chains to meet those conditions of service, where increased speed and shock have called for a more durable chain than either the Detachable or Mey-Oborn types.

Reliance Chains are well adapted to elevator service of moderate speeds under ordinarily clean or semi-gritty conditions and are popular as a drive chain. Often conditions call for an increase in the carrying capacity of conveyor, elevator or drive, thus making the

Reliance Chain an excellent substitute for the lighter Detachable or Mey-Oborn Chains with but very little change in the equipment.

Reliance Chain is made up of the highest quality malleable iron links assembled together with accurately forged high carbon steel pins. The pins are held rigidly in place in the open ends of the side bars to prevent turning, thus confining all wear to the long surface through the barrel. The undersides of the side bars are flared out forming a broad wearing shoe for protection in dragging over runways or floors.

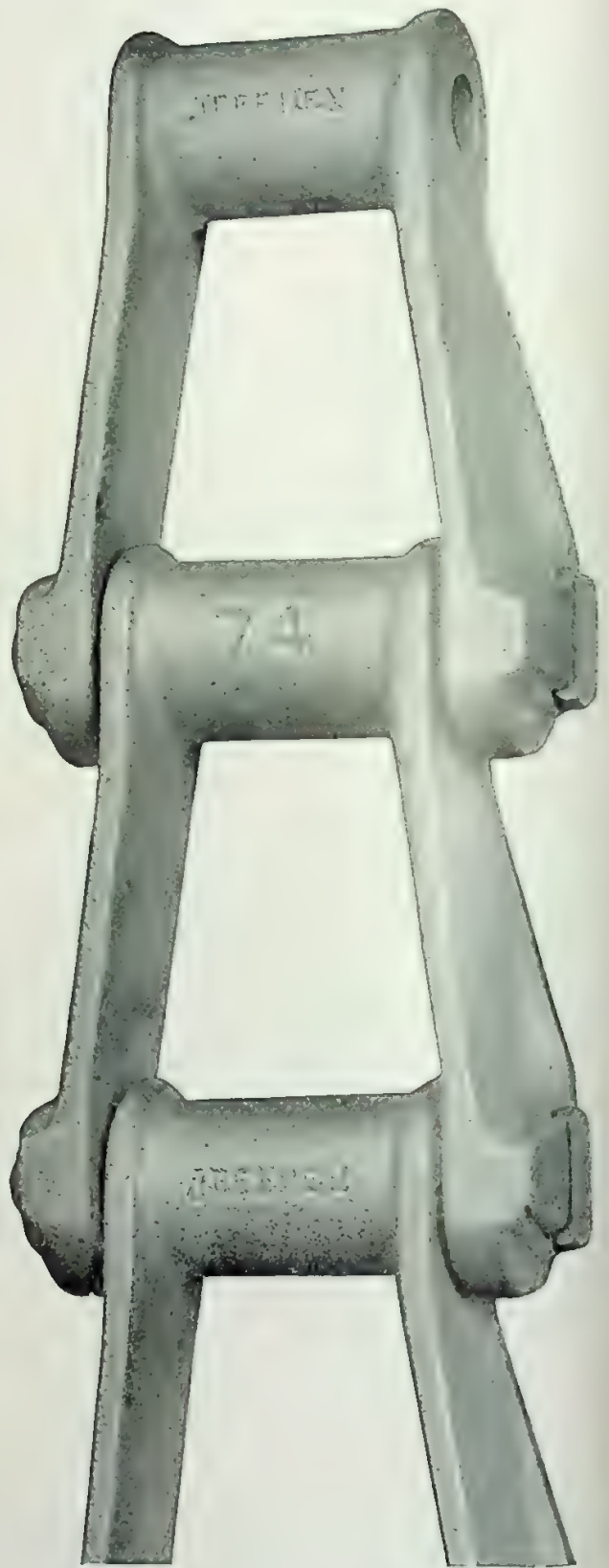


Jeffrey Reliance Riveted Saw Mill Chains

Shown approximately actual size.



No. 60—Pitch 2.308 inches. Average Ultimate Strength, 7,000 lbs. Use Sprockets No. 60.



No. 74—Pitch 2.609 inches. Average Ultimate Strength, 10,000 lbs. Use Sprockets No. 88 Detachable.

Jeffrey Reliance Riveted Saw Mill Chains

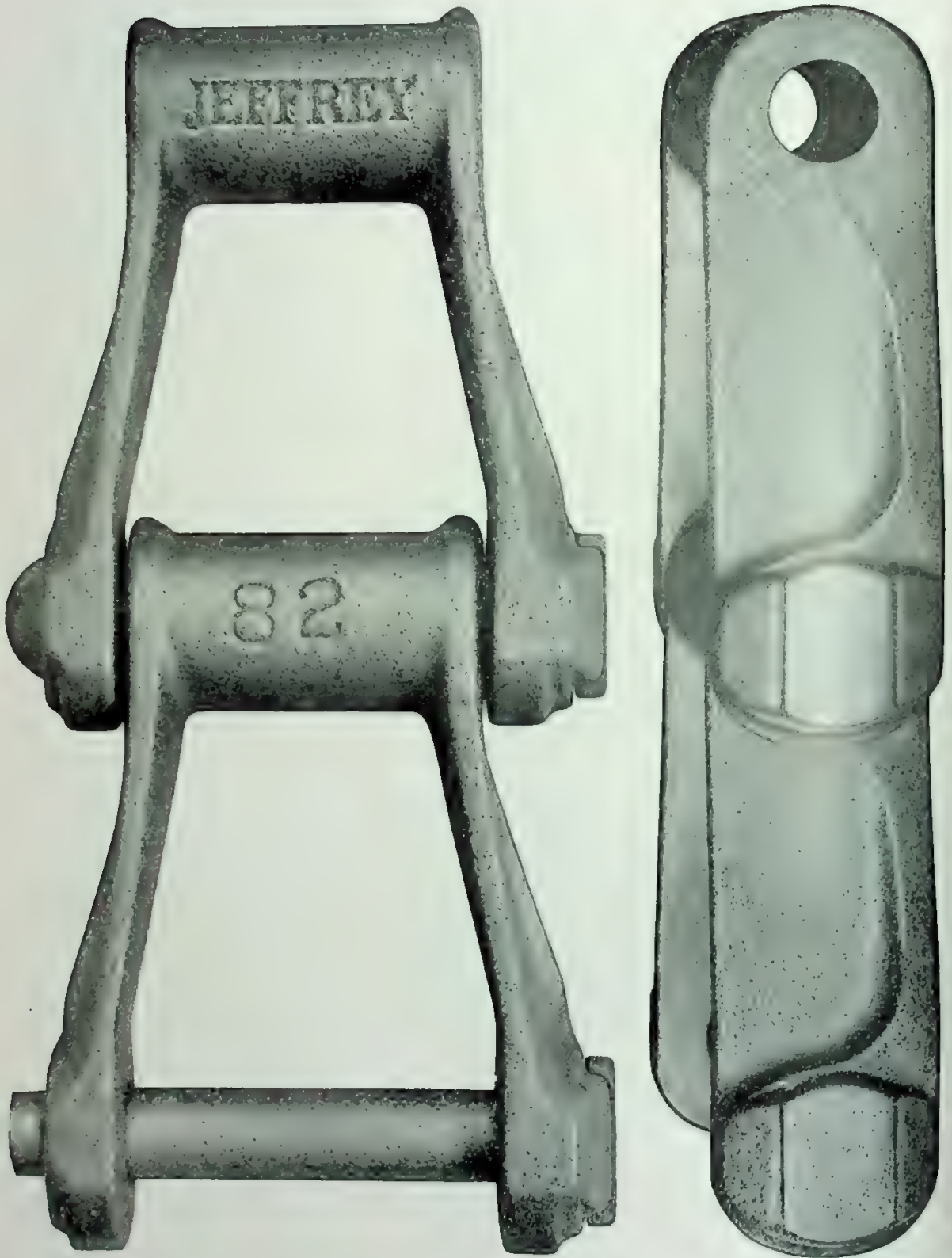
Shown approximately actual size.



No. 78—Pitch 2.609 Inches. Average Ultimate Strength, 16,000 lbs. Use Sprockets No. 88 Detachable.

Jeffrey Reliance Riveted Saw Mill Chains

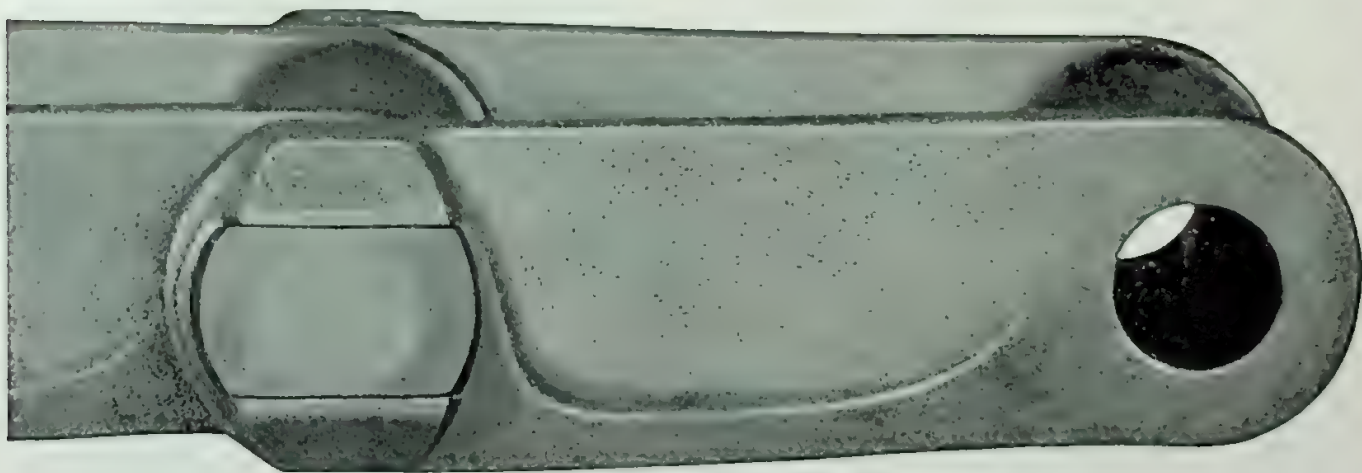
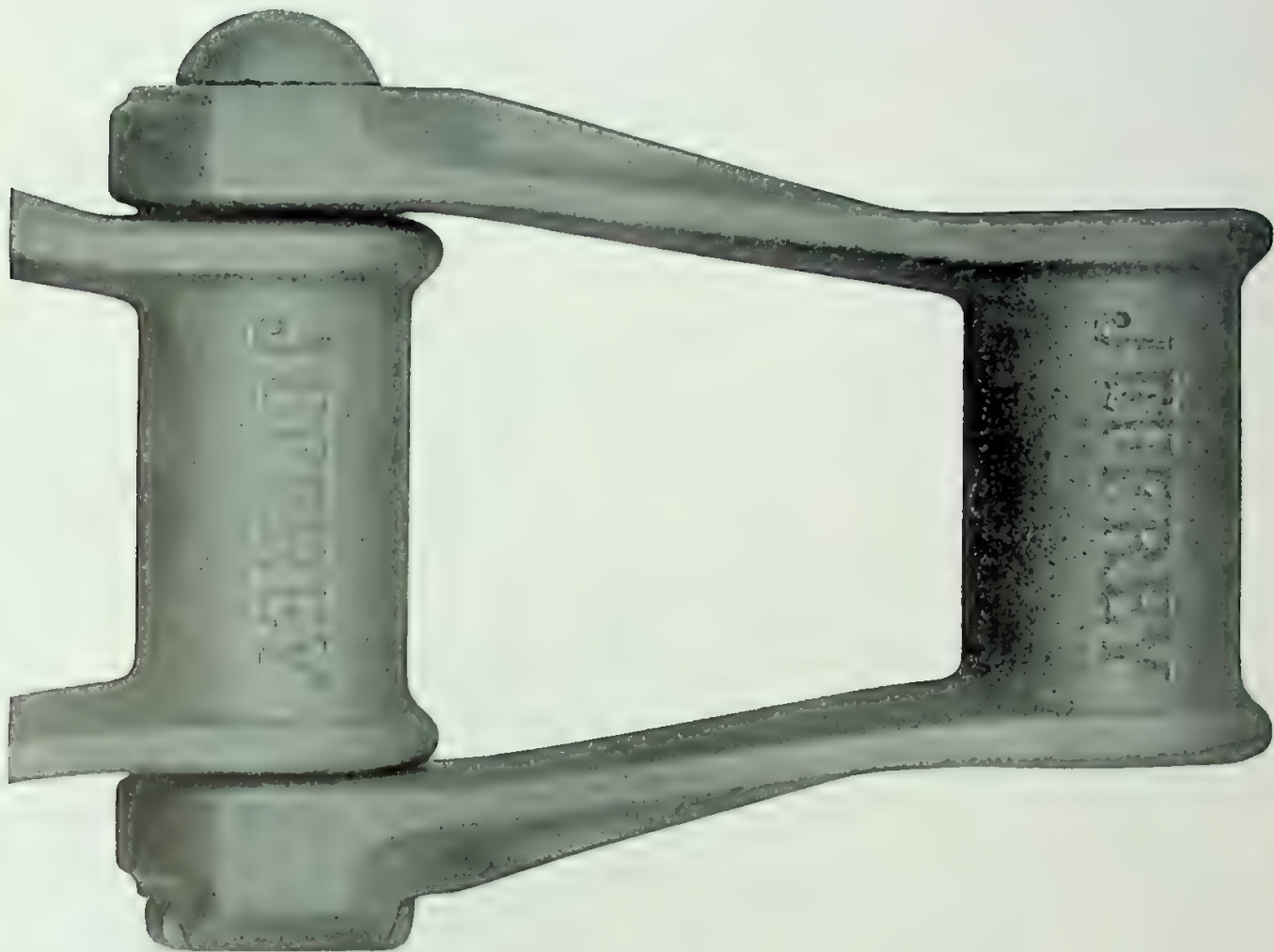
Shown approximately actual size.



No. 82—Pitch 3.075 Inches. Average Ultimate Strength, 20,000 lbs. Use Sprockets No. 103 Detachable.

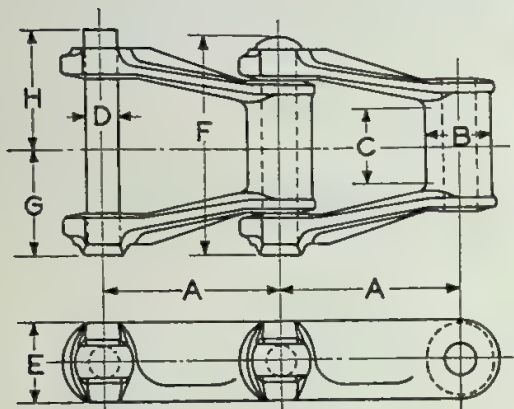
Jeffrey Reliance Riveted Saw Mill Chains

Shown approximately actual size.



No. 124—Pitch 4.00 inches Average Ultimate Strength, 30,000 lbs. Use Sprockets No. 124.

Jeffrey Reliance Riveted Saw Mill Chains



List Price and Dimensions of Plain Chains

Made up with Riveted Pins
Unless Otherwise Specified.

Chain No.	Price Per Foot	Add to L. Price of Riveted Chains for All Coupling Pins	A Pitch Inch's	Approx. Links in 10 Feet of Chain	Average Weight Per Foot Pounds	Working Strength in Lbs. at 150 ft. Per Min.	Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Diam. of Barrel	C Max. Width of Sprkt.	D Diam. of Pin	E	F Overall Riveted Chain	Chain with Coupling Pins	
															G	H
60	\$0.72	\$0.08	2.308	52	2.10	1100	600	7000	60	.75	3/4	1 1/16	3/4	2 1/16	1 1/16	1 1/16
60H	.84	.08	2.308	52	2.60	1300	600	9600	60	.75	3/4	3/8	1 1/16	2 1/16	1 1/16	1 1/16
73	1.05	.08	2.353	51	4.00	2000	500	13500	73	1.000	1 1/8	1 1/8	1 1/8	2 1/16	1 1/16	1 1/16
74	.80	.08	2.609	46	3.00	1500	600	10000	88 Det.	.876	1	1 1/8	1 1/8	2 1/16	1 1/16	1 1/16
75	.72	.08	2.609	46	2.20	1200	600	7000	75	.718	1	1 1/8	1 1/8	2 1/16	1 1/16	1 1/16
78	.95	.08	2.609	46	4.20	2300	500	16000	88 Det.	.876	1 1/8	1 1/2	1 1/8	3 1/16	1 1/16	1 1/16
82	1.20	.10	3.075	39	5.50	3000	500	20000	103 Det.	1.218	1 1/4	1 1/4	1 1/4	3 1/16	1 1/16	1 1/16
87	1.50	.10	4.000	30	6.50	3800	400	25000	87	1.374	1 1/2	1 1/2	1 1/2	4 1/16	2 1/16	2 1/16
95	1.25	.08	4.000	30	4.90	2700	400	16000	95	1.126	1 7/8	1 1/2	1 1/2	4 1/16	2 1/16	2 1/16
124	1.75	.10	4.000	30	8.80	5000	300	30000	124	1.436	1 5/8	3/4	1 1/2	4 1/16	2 1/16	2 1/16

BOLD FACE TYPE INDICATES CARRIED IN STOCK SIZES to cover all reasonable demands; all others subject to occasional delays.

†Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min, see page 121.

§Economical Speeds are half of maximum speeds.

List Price and Weight of Attachments

Chain	List Price per Ft.	Weight per Ft. Lbs.	Chain	List Price per Ft.	Weight per Ft. Lbs.	Chain	List Price per Ft.	Weight per Ft. Lbs.
No. 60			Coup. Pins and Cotters per 100			No. 82		
F-4	\$1.70	4.7	No. 75			F-4	\$2.30	8.9
H-2	1.30	3.4	F-4	1.70	4.0	F-44	2.75	10.6
K-1	1.20	2.8	H-1	1.75	3.9	K-2	1.95	7.6
R-1	1.05	2.4	H-2	1.50	4.1	M-3	3.50	8.5
R-R	.95	2.5	K-1	1.20	2.7	R-1	1.65	6.0
Rivets per 100	1.60	6.2	R-1	1.00	2.4	R-R	1.70	6.5
Coup. Pins and Cotters per 100	4.10		R-R	1.20	2.9	Rivets per 100	6.00	29.0
No. 60-H			Rivets per 100	1.80	6.9	Coup. Pins and Cotters per 100	9.60	
Rivets per 100	2.30	8.2	Coup. Pins and Cotters per 100	4.30		No. 87		
Coup. Pins and Cotters per 100	5.00		No. 78			F-4	2.80	9.7
No. 73			A-1	1.60	4.8	K-2	2.60	8.7
F-4	2.30	7.5	A-1 and 6-C Flight Wing		6.8	Rivets per 100	9.30	40.0
K-1	1.80	5.4	F-4	2.25	8.1	Coup. Pins and Cotters per 100	13.80	
Rivets per 100	3.40	13.7	G-1	2.30	5.4	No. 95		
Coup. Pins and Cotters per 100	6.20		G-6	2.50	6.2	F-4	2.50	7.6
No. 74			G-19	2.50	5.9	K-2	2.10	6.6
F-4	1.90	6.0	H-1	2.10	6.8	Rivets per 100	5.80	24.0
H-1	1.65	4.9	H-2	2.00	6.5	Coup. Pins and Cotters per 100	8.90	
H-2	1.65	4.7	K-1	1.60	5.6	No. 124		
K-1	1.20	3.5	M-3	2.50	6.0	F-4	3.05	11.8
R-1	1.05	3.4	R-1	1.25	4.5	K-2	2.80	11.3
R-R	1.15	3.8	R-R	1.35	5.0	Rivets per 100	14.60	66.0
Rivets per 100	2.30	9.1	Rivets per 100	3.80	19.0	Coup. Pins and Cotters per 100	21.20	
			Coup. Pins and Cotters per 100	6.90				

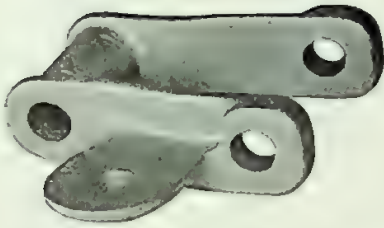
Bold Face Type Indicates carried in Stock Sizes.

For List Price of Wing Attachments, see page 120.

For List of Sprockets, see pages 135-136 for Cast Iron and 155 for Cast Steel

Jeffrey Reliance Riveted Saw Mill Chains

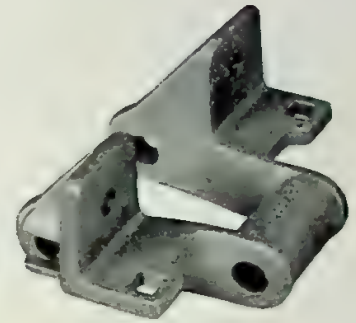
Attachments



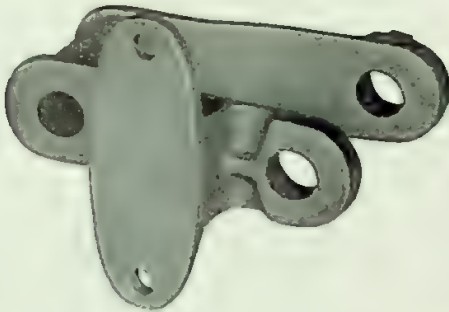
A-1



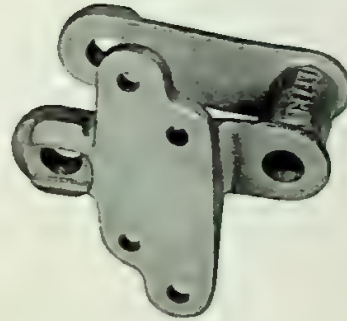
F-4



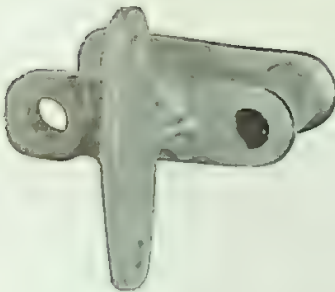
F-44



G-1



G-6



G-19



H-1



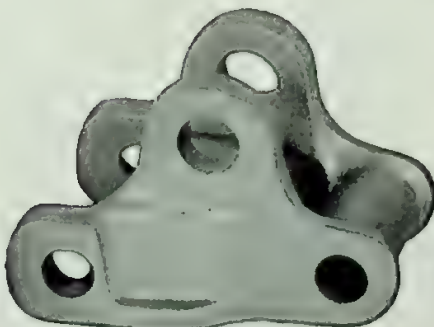
H-2



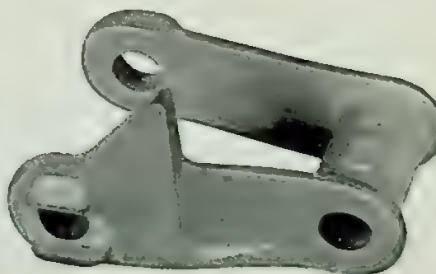
K-1



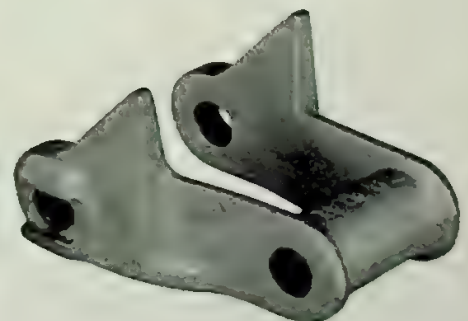
K-2



M-3



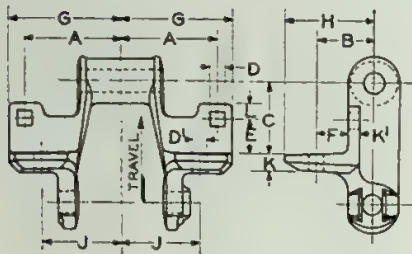
R-1



R-R

Jeffrey Reliance Riveted Saw Mill Chains

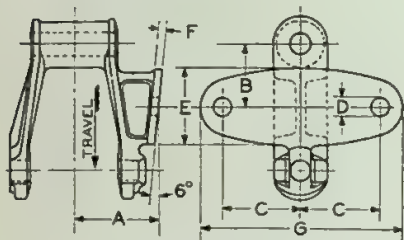
Dimensions of Attachments



Has Square-Straight Holes for D.
Has Round-Straight Holes for D1.

F-4 Attachment

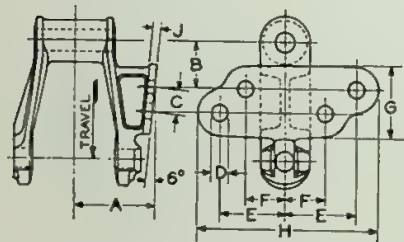
Chain No.	A	B	C	D Diam. of Bolts	D-1 Diam. of Bolts	E	F	G	H	J	K	K1	L
60	1 3/32	1 1/4	1 7/16	5/16	3/8	3/4	7/8	2 5/16	12	1 13/32	3/2	7/2	3 5/8
73	2 3/16	1 1/2	1 11/16	5/16	3/8	3/4	7/8	2 9/16	2 3/16	1 3/4	3/2	1 1/4	1 5/8
74	2 1/16	1 3/8	1 7/16	5/16	3/8	3/4	7/8	2 1/16	2 1/8	1 5/8	3/2	1 1/4	1 3/8
75	1 7/8	1 1/8	1 11/16	5/16	3/8	3/4	7/8	2 11/32	1 3/4	1 7/16	3/2	1 1/4	1 3/8
78	2 1/4	1 7/16	1 3/8	3/8	3/8	3/4	7/8	2 5/8	2 3/8	1 7/8	3/2	1 1/4	1 3/8
82	2 1/2	1 1/2	1 13/16	3/8	3/8	1 1/16	7/8	2 29/32	2 1/8	2 1/16	3/2	1 1/4	1 3/8
87	2 5/8	1 5/8	2 5/8	3/8	3/8	1 1/16	7/8	5 3/4	2 1/8	2 1/8	1/2	1 1/4	1 3/8
95	1 3/32	1 1/2	2 1/8	3/8	3/8	1	7/8	3 1/8	2 1/4	2 3/8	1/2	1 1/4	1 3/8
124	2 5/8	1 3/4	2 1/2	3/8	3/8	1 1/16	7/8	3 1/16	2 1/2	2 1/16	1/2	1 1/4	1 1/2



Has Round-Straight Holes for Bolts.

G-1 Attachment

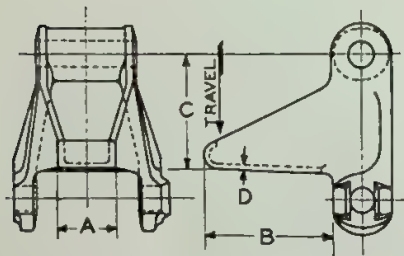
Chain No.	A	B	C	D Diam. of Bolts	E	F	G
78	1 3/4	1 13/16	1 5/16	5/16	1 3/16	1 1/8	3 1/2



Has Round-Straight Holes for Bolts.

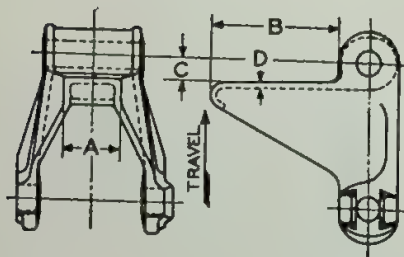
G-6 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
78	1 3/4	1 3/32	2/16	1/4	1 13/32	7/8	1 1/2	3 3/8	1/4



H-1 Attachment

Chain No.	A	B	C	D
74	1 1/8	2 1/2	2	1/8
75	1 1/16	2 5/8	1 3/32	1/8
78	1 1/8	3 1/16	2 7/8	1/8



H-2 Attachment

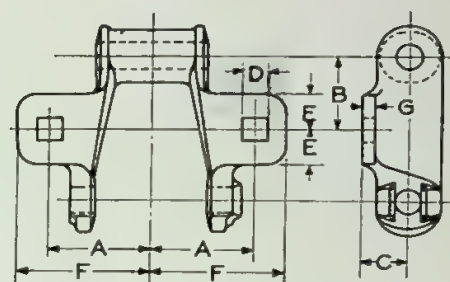
Chain No.	A	B	C	D
60	1	2 1/16	3/16	3/32
74	1 1/8	2 11/16	5/16	1/8
75	1 1/16	2 9/16	1/16	1/8
78	1 1/8	2 15/16	5/16	1/8

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Reliance Riveted Saw Mill Chains

K-1 Attachment

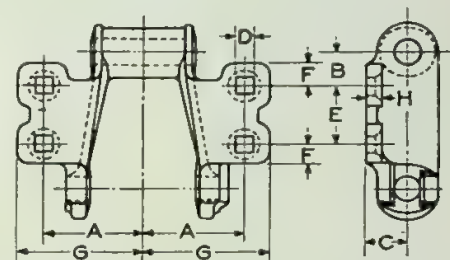
Chain No.	A	B	C	D Diam of Bolts	E	F	G
60	1½	1¼	¾	⅝	⅝	2	⅜
73	2	1⅝	⅞	⅝	⅝	2⅞	⅝
74	1⅞	1⅞	⅞	⅝	⅝	2	⅞
75	1⅞	1⅞	⅞	⅝	⅝	2	⅞
78	2	1⅞	⅞	⅝	⅝	2½	⅞



Has Square-Countersunk Holes on Nos. 60, 74, 75 and 82.
Has Square-Straight Holes on Nos. 73 and 78.

K-2 Attachment

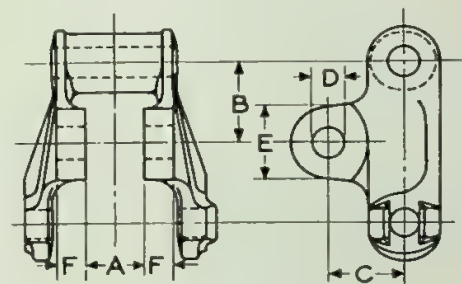
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
82	2⅞	1⅞	⅞	⅝	1⅞	½	2⅞	⅝
87	2⅞	1⅞	⅞	⅝	1⅞	½	3⅞	⅝
95	2⅞	1⅞	⅞	⅝	1⅞	½	3⅞	⅝
124	2⅞	1⅞	⅞	⅝	1⅞	½	3⅞	⅝



Has Square-Countersunk Holes on Nos. 82 and 95.
Has Square-Straight Holes on Nos. 87 and 124.

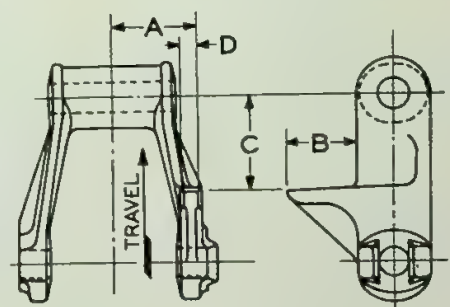
M-3 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F
78	1⅞	1⅞	1⅞	⅝	1¼	⅞
82	1⅞	1⅞	1⅞	⅝	1¼	⅞



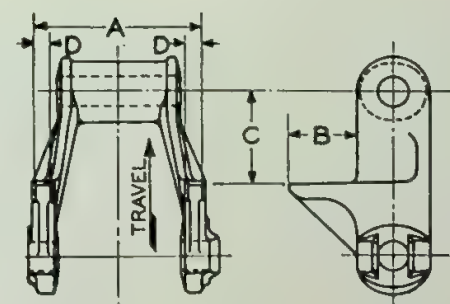
R-1 Attachment

Chain No.	A	B	C	D
60	1⅞	¾	1⅞	⅞
74	1⅞	1	1⅞	⅞
75	1⅞	1	1⅞	⅞
78	1⅞	1	1⅞	⅞
82	1⅞	1¼	1⅞	⅞



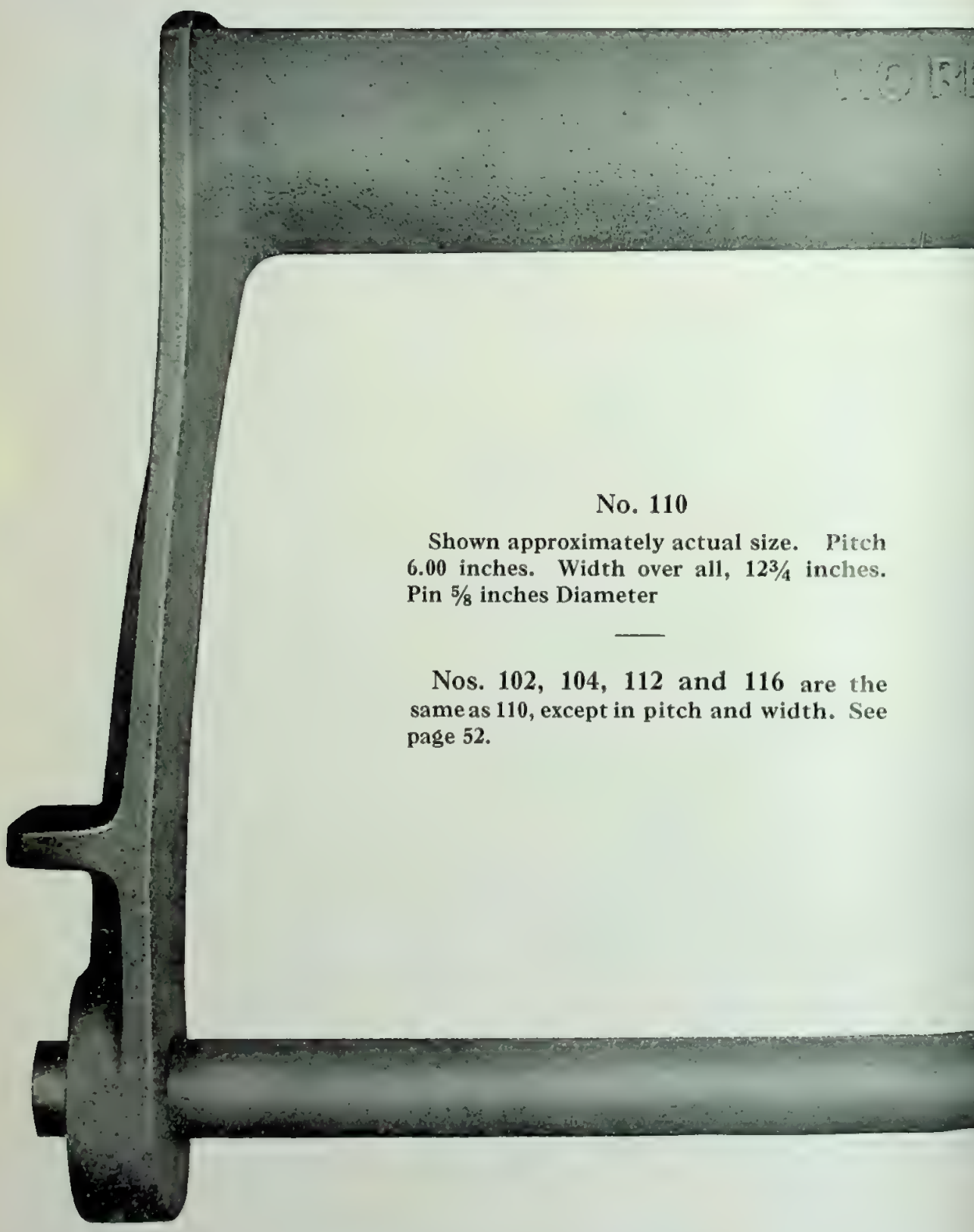
R-R Attachment

Chain No.	A	B	C	D
60	2⅞	¾	1⅞	⅞
74	2⅞	1	1⅞	⅞
75	2⅞	1	1⅞	⅞
78	2⅞	1	1⅞	⅞
82	3	1¼	1⅞	⅞



Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Reliance Saw Mill Drag Chains



No. 110

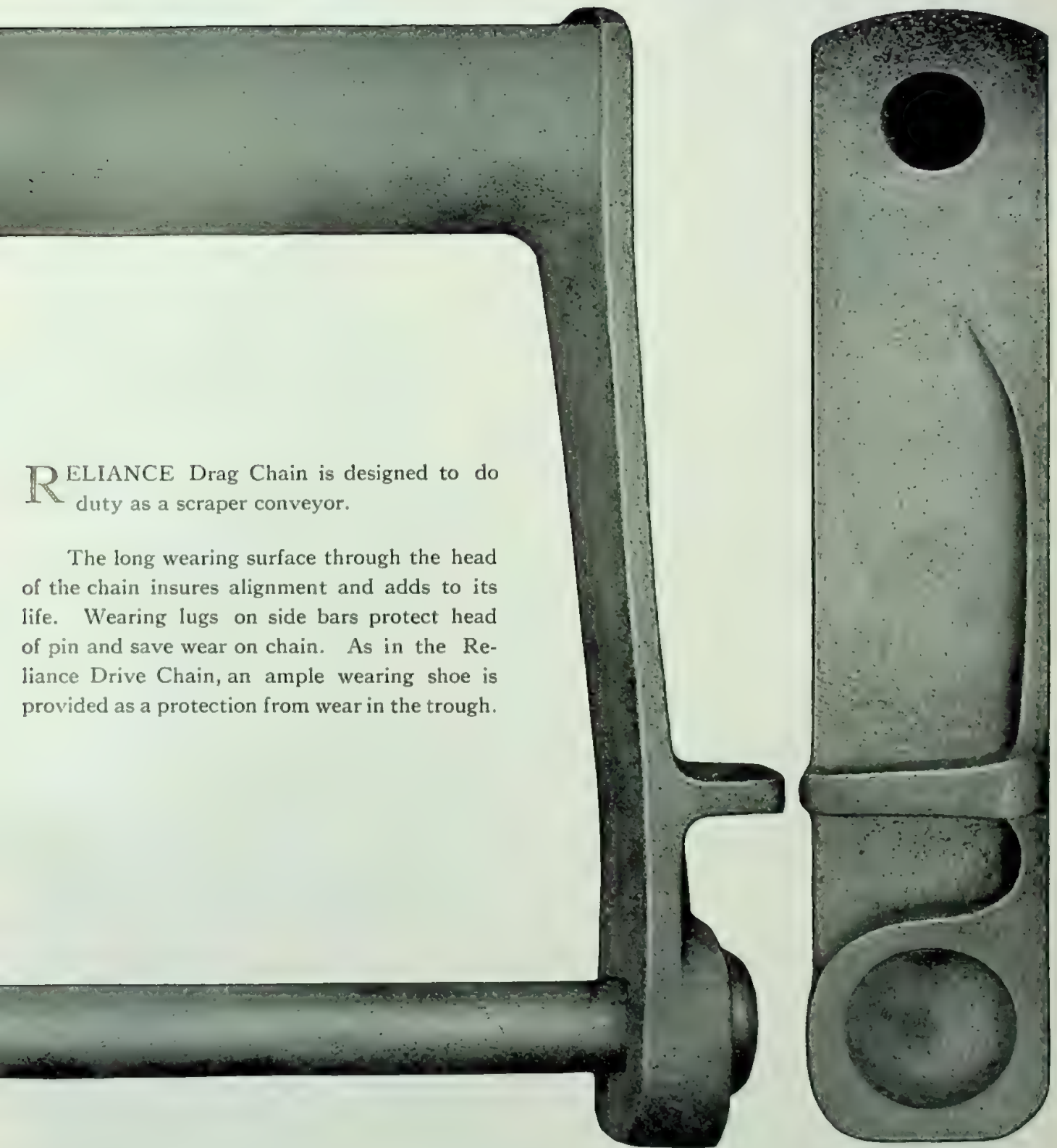
Shown approximately actual size. Pitch
6.00 inches. Width over all, $12\frac{3}{4}$ inches.
Pin $\frac{5}{8}$ inches Diameter

Nos. 102, 104, 112 and 116 are the
same as 110, except in pitch and width. See
page 52.

Jeffrey Reliance Saw Mill Drag Chains

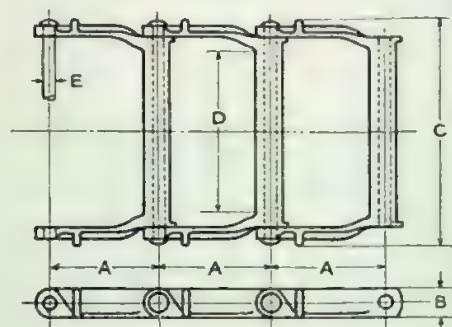
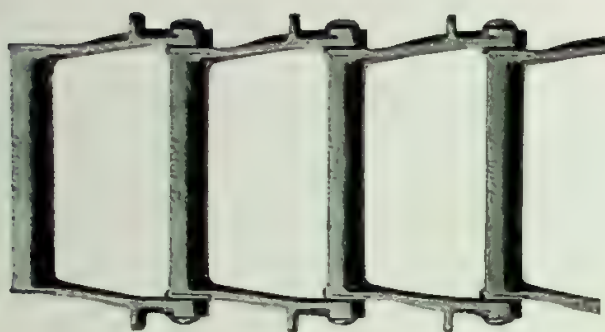
RELIANCE Drag Chain is designed to do duty as a scraper conveyor.

The long wearing surface through the head of the chain insures alignment and adds to its life. Wearing lugs on side bars protect head of pin and save wear on chain. As in the Reliance Drive Chain, an ample wearing shoe is provided as a protection from wear in the trough.



End View

Jeffrey Reliance Saw Mill Drag Chains



List Price and Dimensions

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per Foot Lbs.	Working Strength at 150 F. P. M. Lbs.	Max. Speed F. P. M.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Width of Side Bar In.	C Overall In.	D Max Width of Sprocket In.	E Dia. of Pin In.
97	\$1.95	5.00	7.8	3400	200	20000	97	1 3/8	6 5/8	3 1/2	1 5/8
102	2.30	5.00	10.7	4200	200	28000	102	1 1/2	9 7/8	6 3/8	2 5/8
104	1.80	6.00	8.0	4200	200	28000	104	1 1/2	7 1/4	4 1/8	5 5/8
110	2.50	6.00	12.9	4200	200	28000	110	1 1/2	12 3/4	9	5 5/8
112	2.30	8.00	10.8	4200	200	28000	112	1 1/2	12 3/4	9	5 5/8
116	3.00	8.00	14.0	4200	200	28000	116	1 5/8	16 1/2	13	5 5/8
117	4.25	8.00	20.9	5000	200	38000	117	1 11/16	17 1/2	12 7/8	3 1/4
120	3.70	6.00	18.5	5000	200	38000	120	2	12 1/8	8 3/4	3 1/4
480	3.40	8.00	18.1	5000	200	40000	480	2	16 1/8	11 1/8	3 1/4
*967	3.10	6.00	16.7	5000	200	30000	967	1 9/16	12 1/2	9	3 1/4
1156	3.00	6.00	13.7	5000	200	35000	1156	1 9/16	9 3/4	6 5/8	3 1/4

*Sometimes known as No. 113.

Those Chains in **Bold Face Type** are Carried in Stock Sizes; all others are made on order only.

†Working Strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.

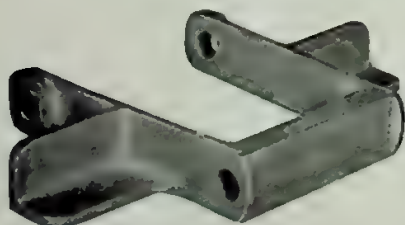
§Economical speeds in gritty materials not to exceed 100 feet per minute.

For List of Sprockets, see pages 136 and 147.

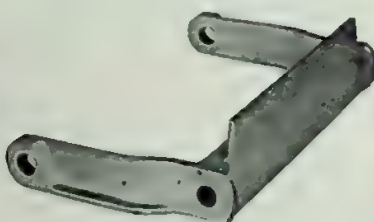
List Price of Attachments

Chain	List Price Per Foot	Av. Weight Per Ft. Lbs.	Chain	List Price Per Foot	Av. Weight Per Ft. Lbs.
No. 97			No. 116		
Rivets per 100.....	\$12.00	47.0	Rivets per 100.....	\$29.10	145.0
No. 102			No. 117		
Wing.....	3.60	12.9	Rivets per 100.....	44.70	223.0
Rivets per 100.....	18.70	90.0	No. 120		
No. 104			Rivets per 100.....	30.20	161.0
Wing.....	2.70	9.6	No. 480		
Rivets per 100.....	14.40	65.0	Rivets per 100.....	37.70	193.0
No. 110			No. 967		
Wing.....	3.75	14.6	Rivets per 100.....	34.10	170.0
C-1.....	4.25	14.6	No. 1156		
R-R.....	4.10	15.2	Rivets per 100.....	20.60	122.0
Rivets per 100.....	21.10	112.0			
No. 112					
Rivets per 100.....	21.10	112.0			

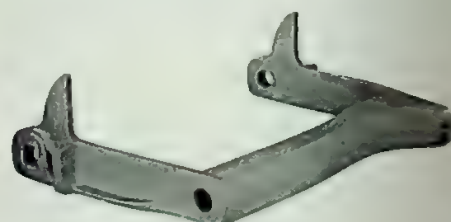
Bold Face Type indicates Carried in Stock Sizes.



Wing Attachment

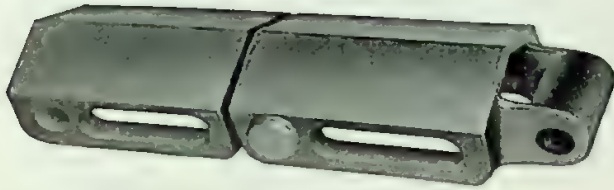


C-1 Attachment

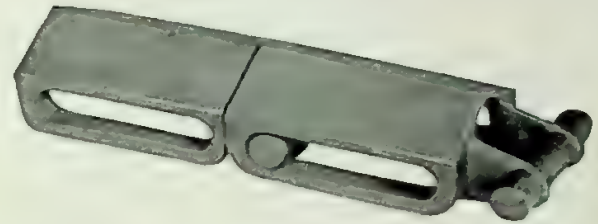
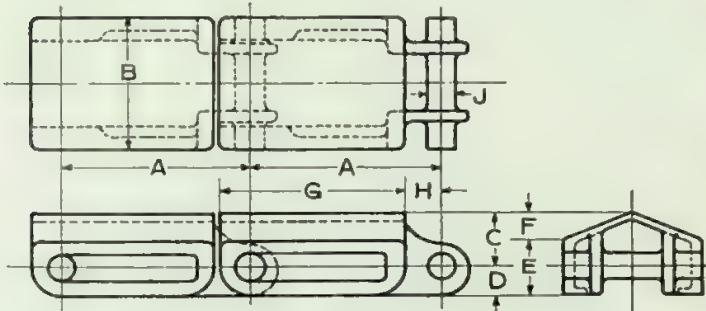
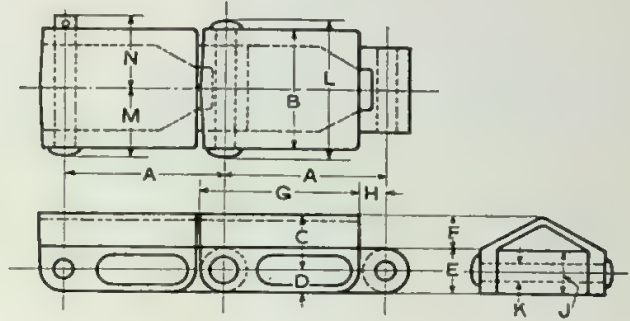


R-R Attachment

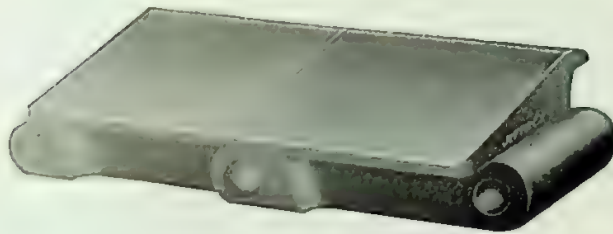
Jeffrey Reliance Transfer Chains



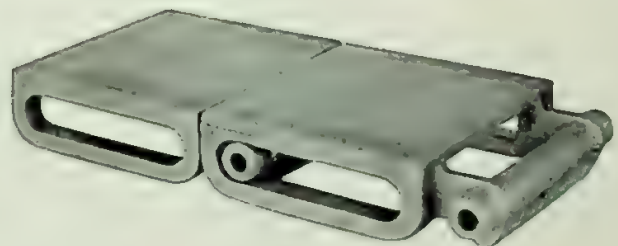
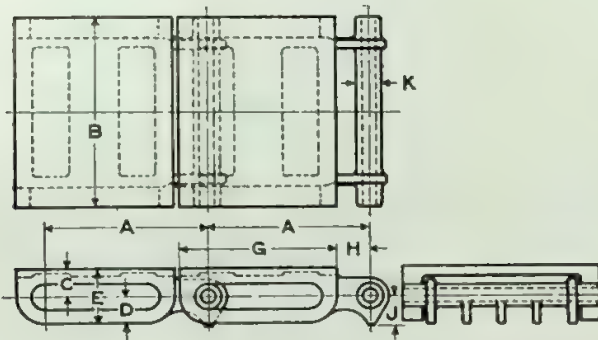
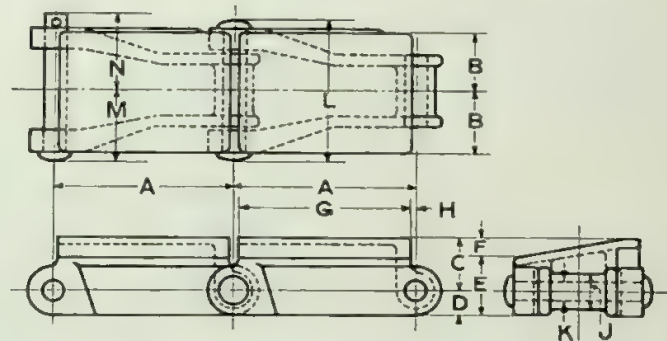
"Reliance" Transfer Chain—Type 1



"Detachable" Transfer Chain—Type 2



"Reliance" Transfer Chain—Type 3



"Reliance" Transfer Chain—Type 4

List Price and Dimensions

Chain No.	List Price Per Foot	List Price Pins Per 100	Type	A Pitch Ins.	Aver. Weight Per Foot Pounds	Working Strength at 150 F. P. M.	Max. Speed F.P.M.	Average Ultimate Strength Pounds	Works on Sprockets No.	B	C	D	E	F	G	H	J	K Dia. of Pin	L Over-all Wth.	M	N
130	\$1.50	\$3.80	1	4	5.2	2300	200	15000	130	2 11/16	1 1/8	9/16	1 1/16	5/8	3 7/8	3/4	1	1/2	3 1/4	1 5/8	1 3/4
131	2.10	9.30	1	4	8.4	4200	200	23000	131	3 1/16	1 5/8	5/8	1 1/2	3/4	3 7/8	13/16	1 1/4	5/8	4	2	2 3/4
132	2.30	4.20	3	4	7.0	2500	200	15000	132	1 1/2	1 7/16	9/16	1 3/8	5/8	3 7/8	1/8	1 1/8	1/2	3 9/16	1 3/4	1 7/8
500	1.30	Det.	2	4	4.1	1400	200	12000	500	2 3/32	1 3/16	19/32	1 1/8	3/4	3 7/8	3/32	5/8	5/8	3 1/16	.....	.....
535	3.30	Det.	4	6.25	12.5	3000	200	25000	535	7 1/16	1 3/4	1	2 3/4	1/2	6 1/8	1 1/16	2 1/8	1	.....	.....	.....

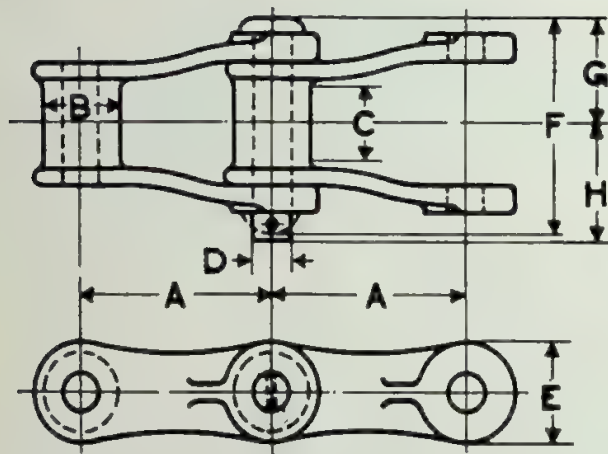
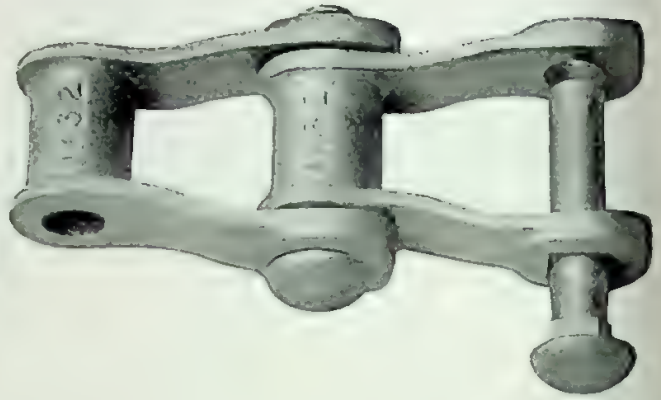
Bold Face Type Indicates carried in Stock Sizes.

†Working strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.

§Economical speeds are not over half of maximum speeds.

For List of Sprockets, see page 136.

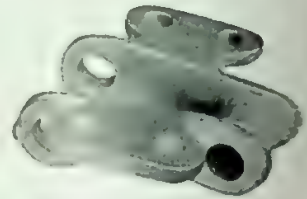
Jeffrey Pintle Chains



Attachments



F-2



K-2

List Price and Dimensions of Plain Chains

Chain No.	List Price Riveted Chain Per Foot	List Price Coupled Chain Per Foot	A Pitch In.	Approx. Links in 10 Feet of Chain	Average Weight Per Ft. Pounds	†Working Strength in Lbs at 150 Ft. Per Min.	§Max Speed Feet per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Diam. of Barrel	C Max. Width of Sprocket	D Dia. of Pin	E	F Overall Riveted Chain	Chain With Coupling Pins	
															G	H
1	\$0.85	\$1.00	2.028	59	2.8	2000	600	13000	1 Pintle	$\frac{7}{8}$	$\frac{3}{16}$	$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{3}{8}$	$1\frac{3}{16}$	1
34H	.80		1.398	86	1.4	1150	700	7000	34 Det.	$\frac{1}{2}$	$\frac{1}{16}$	$\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	1
H567	.65	.75	2.160	56	1.9	1200	600	7000	H-567	$\frac{3}{4}$	$\frac{11}{16}$	1	$2\frac{1}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	1
H630	1.00	1.15	1.632	73	2.2	1500	600	9000	H-630	$\frac{3}{4}$	$\frac{13}{16}$	$\frac{7}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	1
1152	.72	.85	1.506	80	2.0	1100	600	7500	52 Det.	$\frac{11}{16}$	$\frac{11}{16}$	$\frac{3}{8}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{16}$	1
1155	.85	.95	1.631	74	1.9	1220	700	7300	55 Det.	$\frac{3}{4}$	$\frac{11}{16}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	1
1158	1.00	1.10	2.01	60	3.2	2000	600	12000	1158	$\frac{13}{16}$	$\frac{13}{16}$	$\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$1\frac{1}{16}$	1
1162	1.15	1.25	1.654	73	2.5	1500	600	9000	62 Det.	$\frac{13}{16}$	$\frac{7}{8}$	$\frac{7}{16}$	$2\frac{1}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	1
4103	1.25	1.35	3.075	39	5.7	5500	500	33000	103 Det.	$1\frac{7}{32}$	$1\frac{1}{8}$	$\frac{3}{4}$	$1\frac{1}{2}$	$3\frac{1}{4}$	$1\frac{5}{8}$	1

Those Chains in **Bold Face Type** are carried in Stock Sizes; all others are made on order only.

†Working Strengths in table are increased or decreased for speeds other than 150 ft. per minute, see page 121.

§Economical speeds are not over half of maximum speeds.

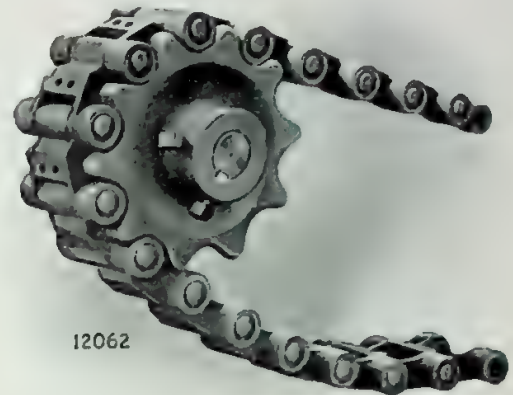
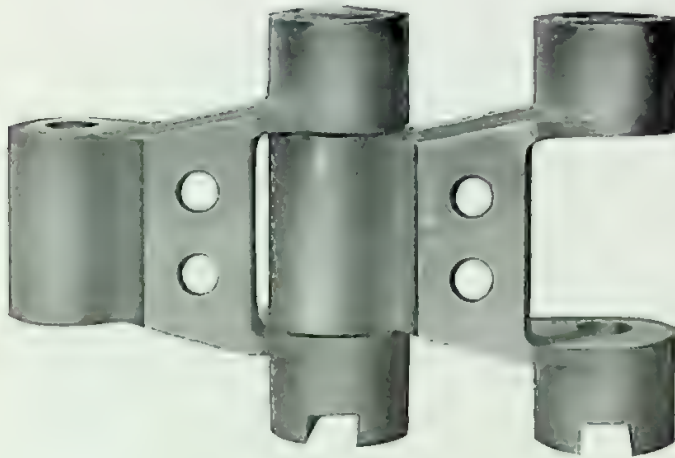
For List of Sprockets, see page 137 for Cast Iron and 155 for Cast Steel.

List Price and Weight of Attachments

Chain	List Price Per Foot		Weight Per Foot, Lbs.
	Riveted	Coupled	
No. 4103			
F-2.....	\$ 2.10	\$ 2.10	8.1
K-2.....	1.90	2.00	8.0
Rivet Pins per 100.....	11.00		44.00 per 100
Coupling Pins per 100.....		17.60	48.00 per 100

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Intermediate Carrier Chain



List Prices and Dimensions

Chain No.	List Price per Foot		A Pitch In.	Average Weight per Foot Lbs.	Working Strength in Lbs. at 150 Ft. per Min.	Average Ultimate Strength Lbs.	Dimensions—Inches									
	Standard Steel Bushings and Pins	Stainless Bushings and Pins					B	C	D	E	F	G	H	J	K	
901E13	\$3.80	\$6.70	3.149	11.5	3000	25000	$\frac{13}{16}$	$\frac{13}{16}$	$1\frac{1}{4}$	$\frac{5}{8}$	10	$1\frac{7}{16}$	$2\frac{3}{32}$	$\frac{13}{16}$	$1\frac{3}{4}$	
1090	3.90	6.90	2.98	12.0	3000	25000	$\frac{23}{32}$	$\frac{7}{8}$	$\frac{13}{16}$	$\frac{5}{8}$	10	$1\frac{9}{16}$	$2\frac{9}{32}$	$\frac{13}{16}$	$1\frac{1}{2}$	

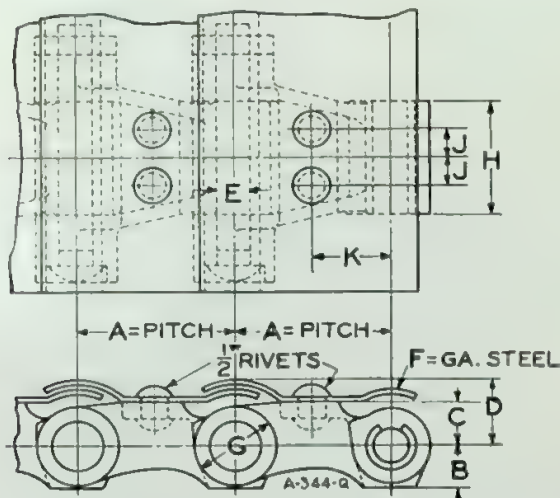
Jeffrey Intermediate Cane Carrier Chains are designed to work with sprockets cast in pairs, the driving action taking place on the round barrels on either side of the chain. This eliminates the packing of material under the flights which often causes the chain to jump the sprockets.

The Chain is made of refined malleable iron and is fitted with renewable hardened steel bushings. Number 1090 is interchangeable with No. $1\frac{1}{2}$ M. R. except for the drilling of the flights. It will also work on No. $1\frac{1}{2}$ sprockets mounted in pairs at 4 inch centers.

List Price of Detachable Parts—Per 100

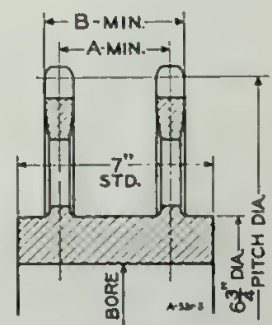
Parts	901 E-43		1090	
	List Price	Weight	List Price	Weight
Steel Pins per 100.....	\$30.00	51	\$30.00	51
Steel Bushings per 100.....	20.00	17	20.00	17
Stainless Pins per 100	80.00	51	80.00	51
Stainless Bushings per 100	50.00	17	50.00	17

The parts of the link coming in contact with the guides are reinforced to allow for wear, thus adding to the life of the chain.

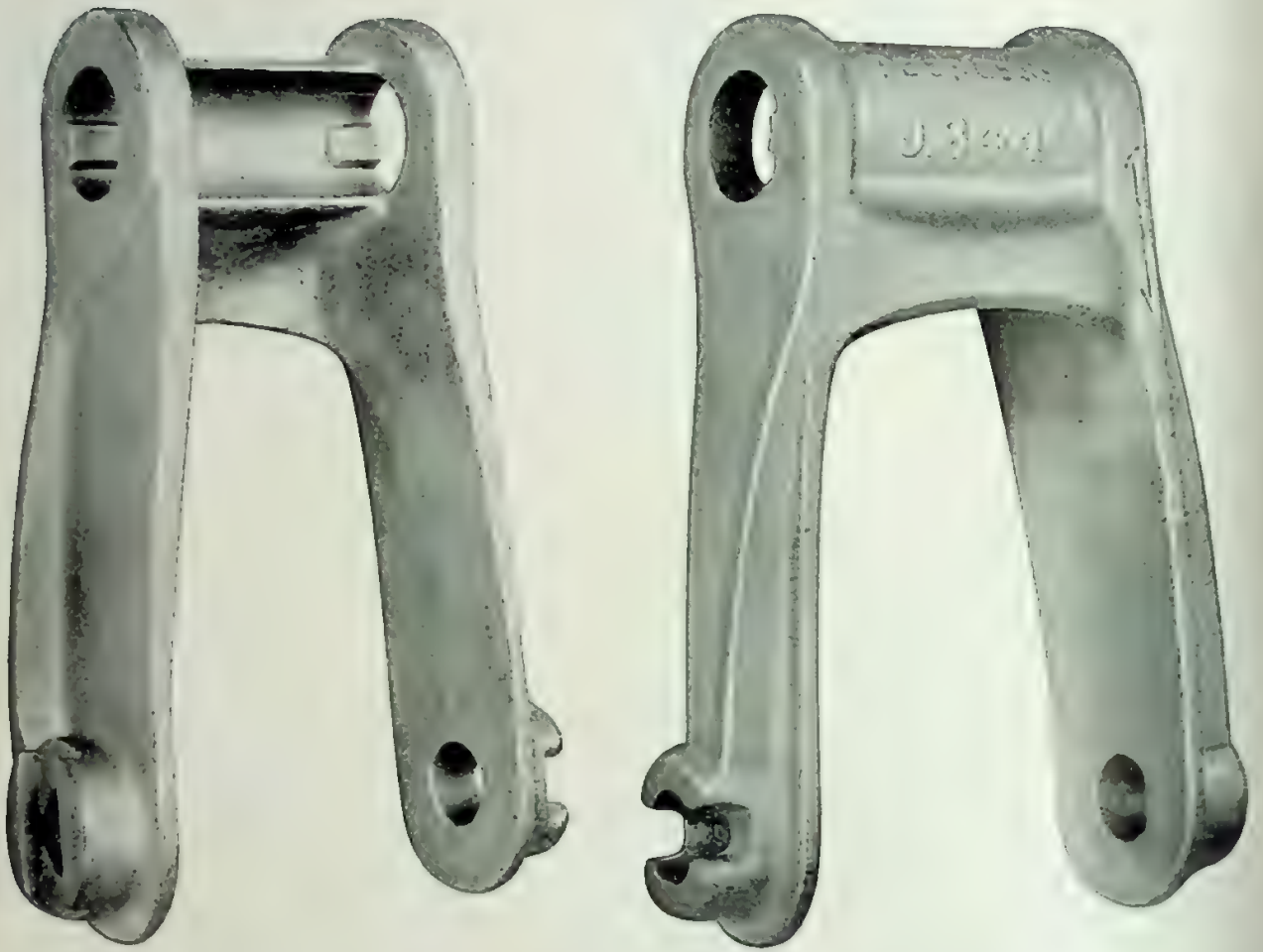


List Prices of Cast Iron Double Sprockets

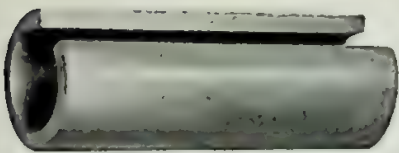
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Max. Bore In.	Average Weight Each Lbs.	A In.	B In.
		Driven	Driver					
No. 901 E-43								
10	10¼P	65126	65126	\$18. 60	2½	60	4¼	5½
12	12⅛P	65125	65125	21.60	2½	87	4¼	5½
16	16⅛P	65124	65124	27. 60	2½	102	4¼	5½
No. 1090								
10	9¾P	65084	65084	\$18.00	2½	56	4	5
12	11½P	65097	65097	20.60	2½	84	4	5
13	12½P	65063	65063	22.00	2½	92	4	5
15	14½P	65100	65100	24. 80	2½	110	4	5
16	15¼P	64567		26.40	2½	118	4	5
18	17¼P	64887	64887	29.40	2½	130	4	5
22	21P	64757	64757	35. 60	2½	160	4	5



Jeffrey Peerless Chains



Front and rear views of Jeffrey Peerless Chain Link without bushing.



Hardened Steel Bushing



Coupling Pin

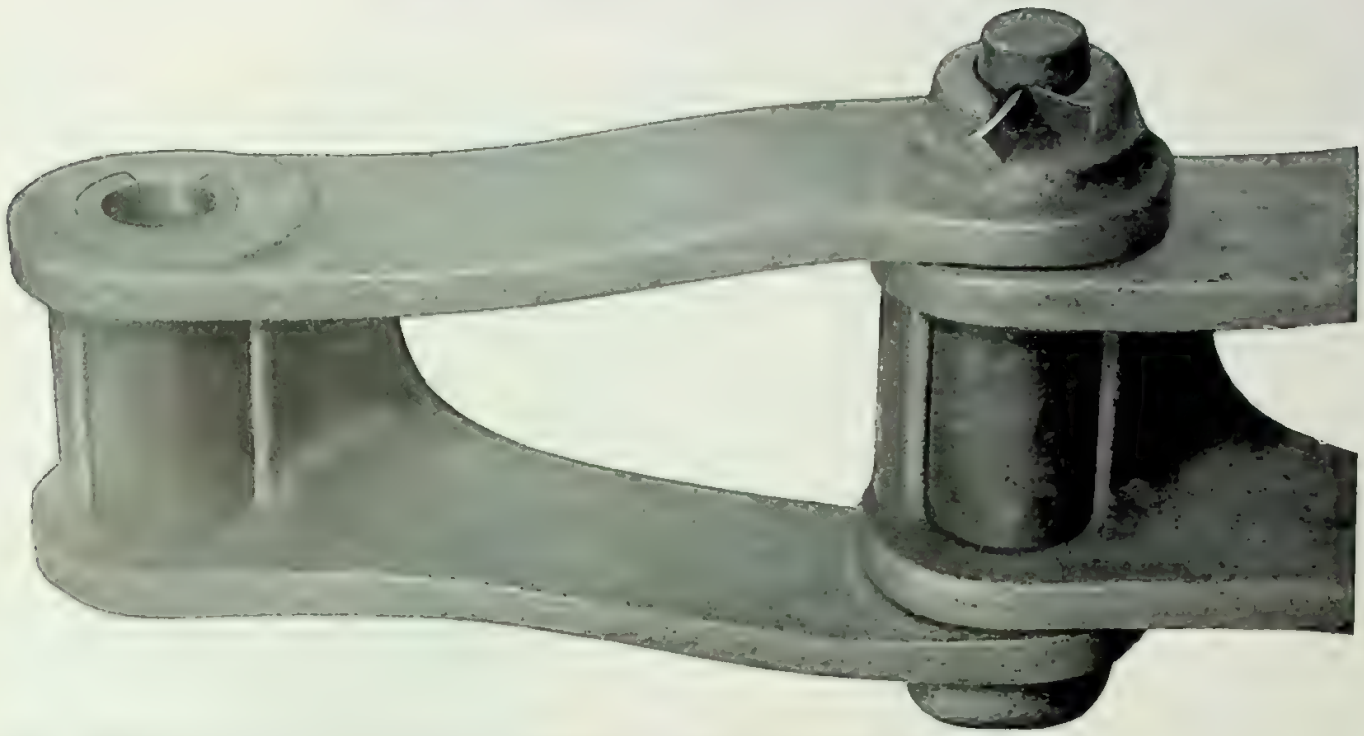
PEEERLESS Chain is the next step in refinement to Reliance chain, a hard steel bushing being so embodied in the design as to internally receive any wear from movement of pin and externally take any wear incident to contact with sprockets.

In application the Peerless Chain is especially fitted to heavy elevator service in semi-gritty materials and for chain drives where much wear from long service would be expected.

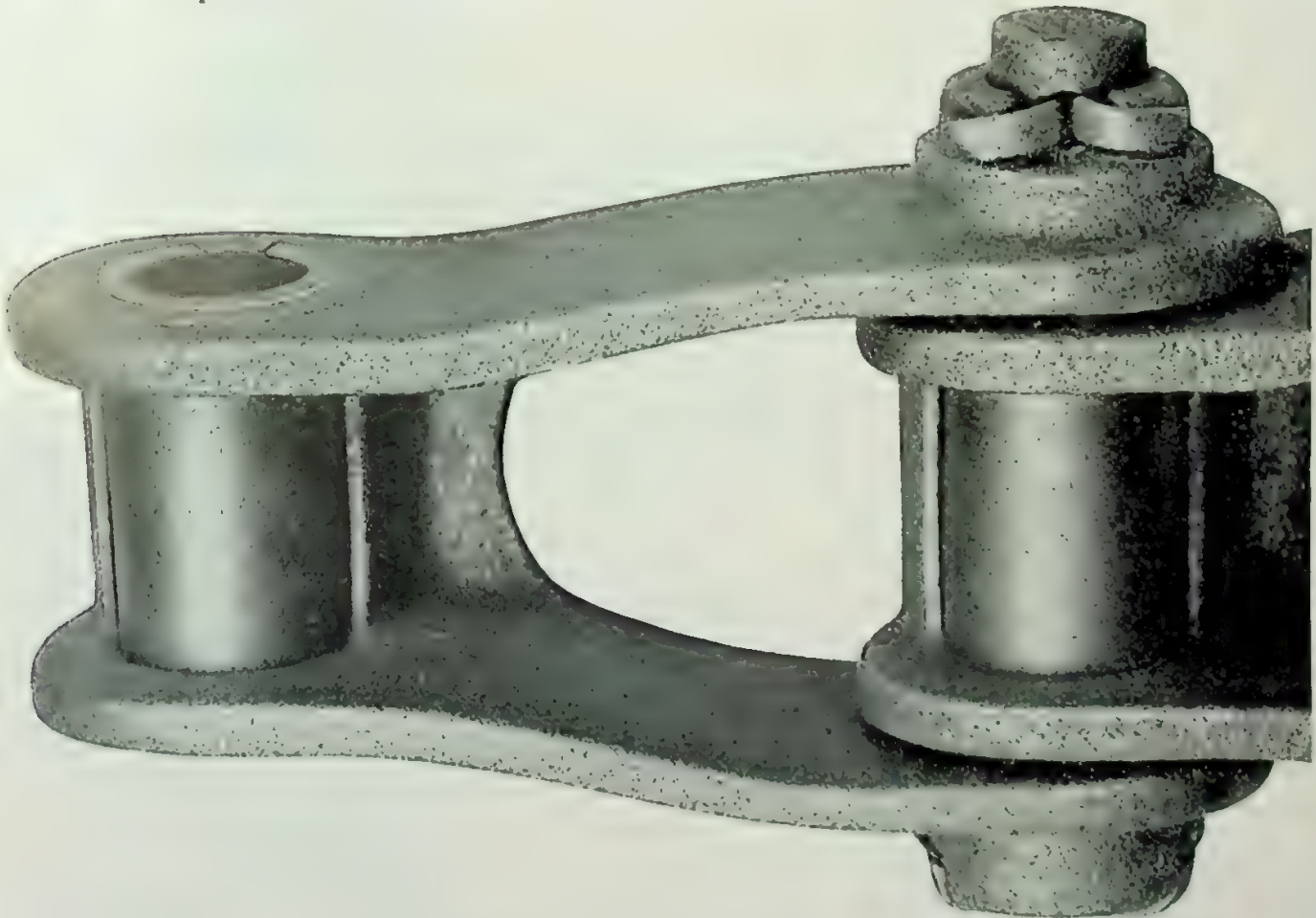
Peerless Chain is extensively used for elevator service in the cement industry with K-2 Attachments applying to the back of buckets on single strand elevators and the G-6 Attachments on the ends of the buckets for double strand elevators.

Jeffrey Peerless Chains

Shown approximately actual size.



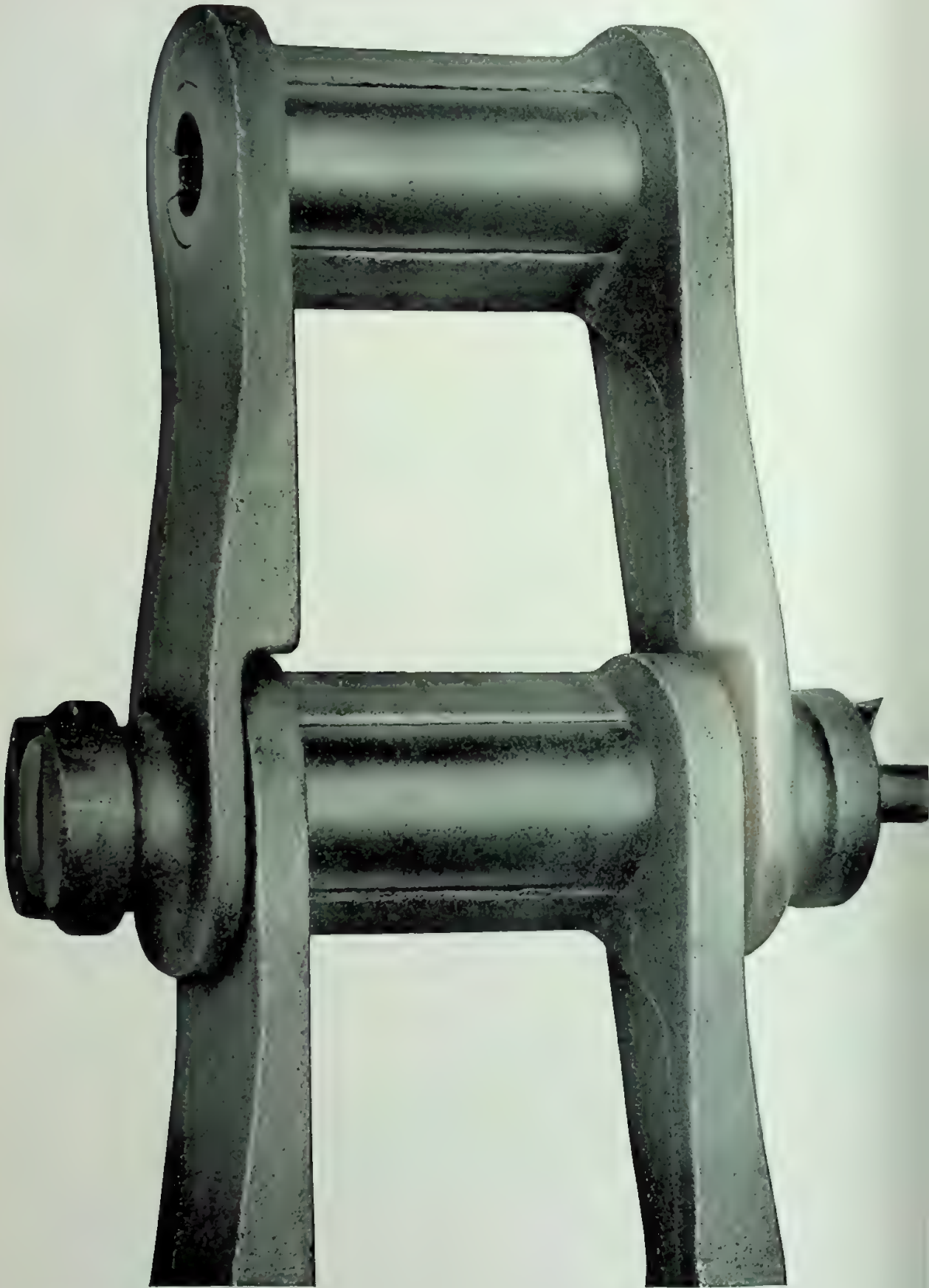
No. 823—Pitch 4.00 Inches. Average Ultimate Strength, 19,000 lbs. Use No. 823 Sprockets.



No. 825—Pitch 4.00 Inches. Average Ultimate Strength, 30,000 lbs. Use No. 825 Sprockets.

Jeffrey Peerless Chains

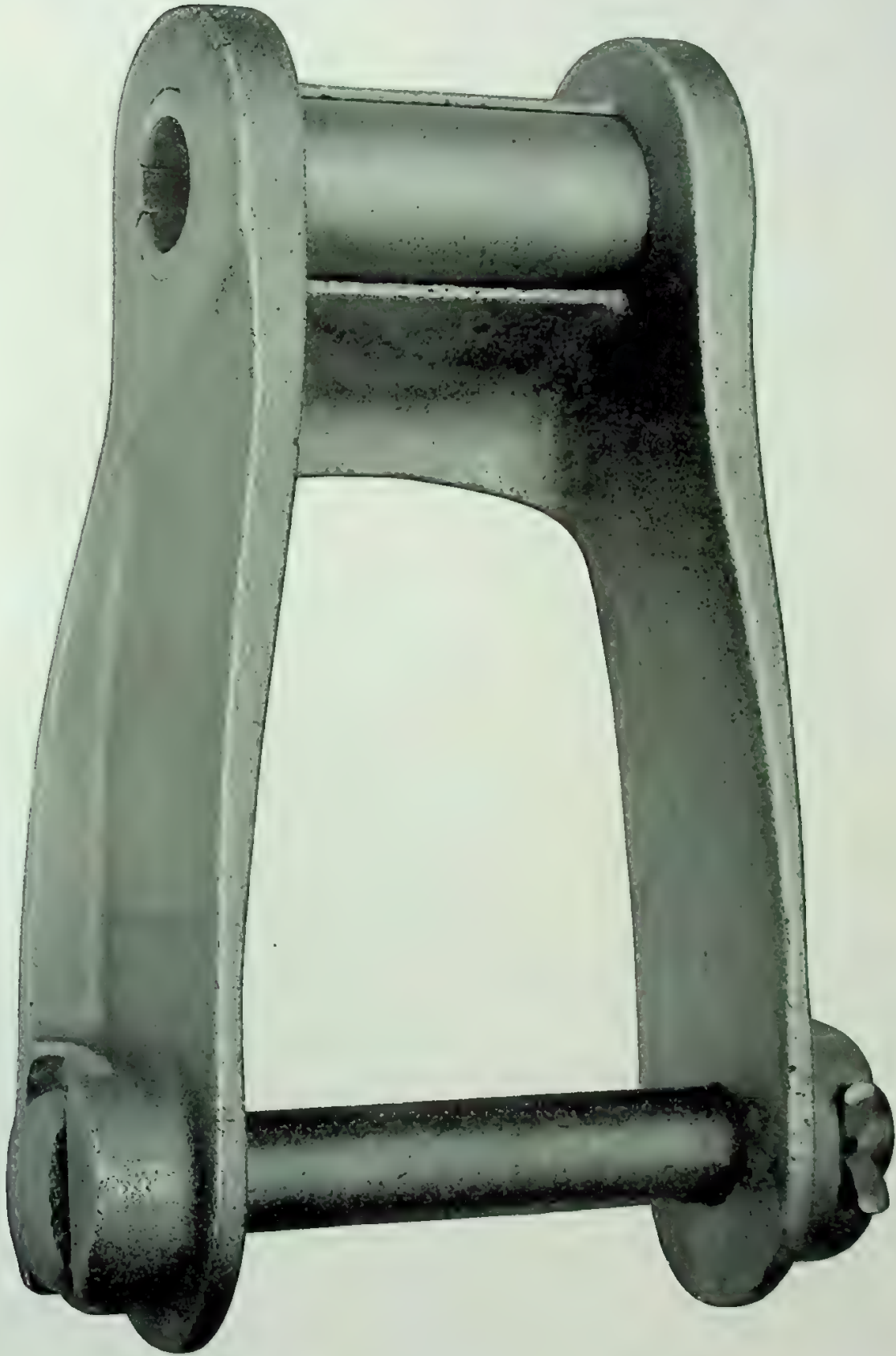
Shown approximately actual size.



No. 835—Pitch 4.00 inches. Average Ultimate Strength, 25,000 lbs.
Use Sprockets No. 835.

Jeffrey Peerless Chains

Shown approximately actual size.



No. 844—Pitch 6.00 inches. Average Ultimate Strength, 40,000 lbs.
Use Sprockets No. 844.

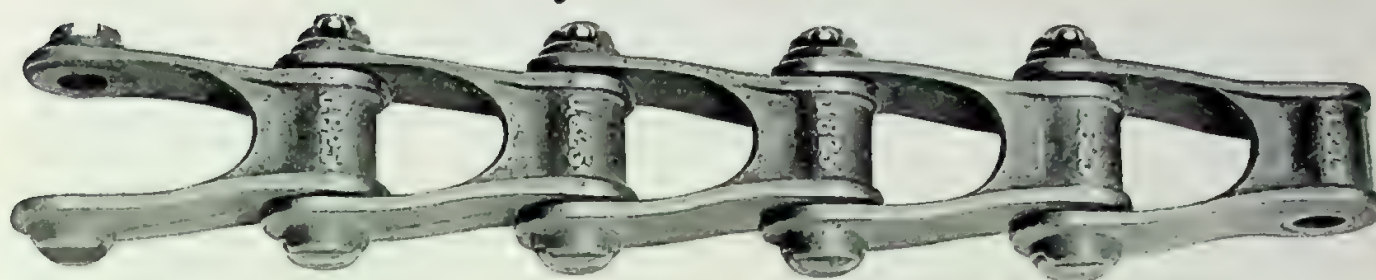
Jeffrey Peerless Chains

Shown approximately actual size

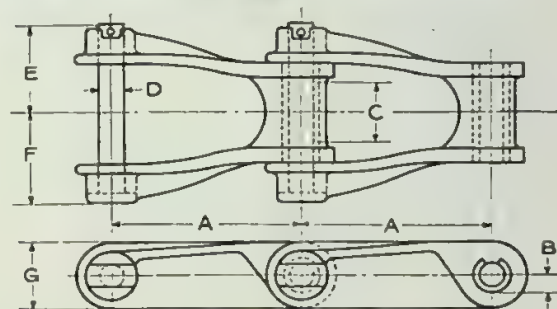


No. 847—Pitch 6.075 inches. Average Ultimate strength, 60,000 lbs. Use Sprockets No. 847.

Jeffrey Peerless Chains



**List Price and Dimensions
of Plain Chain**



Chain No.	List Price per Ft. Plain Chain	A Pitch In.	Average Weight per Ft. Lbs.	†Working Strength in Lbs. at 150 Ft. per Min.	§Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Radius of Thimble In.	C Max. Sprocket Width In.	D Diam of Pin In.	Overall		
											E	F	G
823	\$1.80	4.000	4.9	3000	500	19000	823	25/64	1 1/8	1/2	1 13/16	1 13/16	1 3/8
825	2.60	4.000	9.6	5075	450	30000	825	3/32	1 1/4	3/4	2 9/16	1 3/4	2
830	2.20	6.000	8.3	5075	450	30000	830	3/32	1 1/8	3/4	2 13/16	2 5/8	1 7/8
†835	3.30	4.000	10.0	4700	450	25000	835	3/32	2 1/4	5/8	3 5/8	2 7/8	1 7/8
†843	4.00	6.000	10.8	6200	400	35000	843	3/32	1 1/2	3/4	3 11/16	2 11/16	2 1/4
844	3.20	6.000	11.8	7750	400	40000	844	3/32	2 1/4	3/4	3 11/16	2 7/8	2 1/8
847	5.50	6.075	20.5	12750	350	60000	847	45/64	2 7/8	1	3 7/8	3 1/2	2 1/2

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delay.

†Working Strengths are increased or decreased for speeds other than 150 F. P. M., see page 121.

†Milled Pin Type.

§Economical Speeds are not over half of maximum speeds.

For List of Sprockets, see pages 137 for Cast Iron and 156 for Cast Steel.

List Price and Weight of Attachments

Chain	List Price Per Foot	Weight Per Foot, Lbs.	Chain	List Price Per Foot	Weight Per Foot, Lbs.
No. 823			No. 835		
A-43.....	\$2.60	6.7	K-2.....	\$4.10	13.6
A-43 with 24-A Bucket Wing.....		7.7	Pins, each.....	.30	.5
F-2.....	2.80	7.8	Bushings, each.....	.25	.4
G-6.....	3.00	6.5			
K-2.....	2.50	7.0	No. 843		
Pins, each.....	.15	.23	K-2.....	4.80	13.5
Bushings, each.....	.10	.14	Pins, each.....	.45	.85
			Bushings, each.....	.30	.5
No. 825					
**A-42.....	3.80	12.2	No. 844		
F-2.....	4.00	12.3	K-2.....	3.70	16.5
G-6.....	4.00	12.6	Pins, each.....	.40	.85
K-2.....	3.80	14.1	Bushings, each.....	.30	.5
Pins, each.....	.30	.6			
Bushings, each.....	.20	.33	No. 847		
			K-2.....	7.00	27.5
No. 830			Pins, each.....	.80	1.96
**A-42.....	3.00	9.8	Bushings, each.....	.50	.8
F-2.....	3.30	10.5			
G-6.....	3.30	10.6			
K-2.....	3.20	12.9			
Pins, each.....	.30	.6			
Bushings, each.....	.20	.33			

**Bucket Wings can be furnished for A-42 Attachment for No. 825 and No. 830 Chains. Prices on application.

Bold Face Type Indicates carried in Stock Sizes.

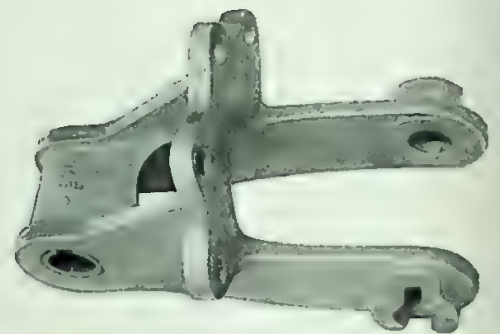
For List Price of Wing Attachments, see page 120.

Jeffrey Peerless Chains

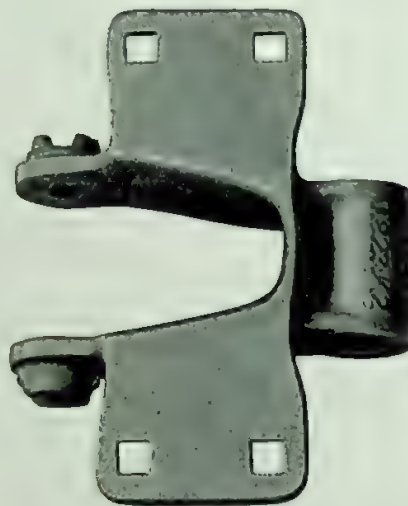
Attachments



A-42 and A-43



F-2



K-2 on Nos. 823 and 835



G-6

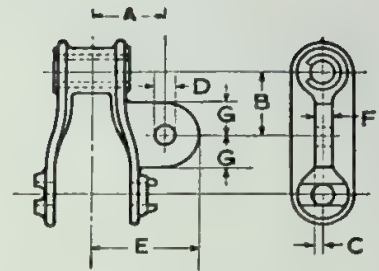


K-2 on Nos. 825, 830, 843, 844 and 847

Jeffrey Peerless Chains

A-42 and A-43 Attachments

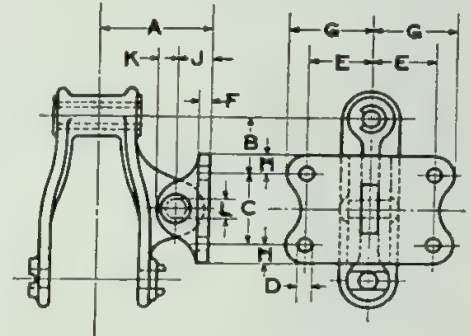
Chain No.	Name of Attachments	A	B	C	D Diam. of Bolts	E	F	G
823	A-43	$1\frac{13}{16}$	$2\frac{5}{16}$	$\frac{13}{16}$	$\frac{7}{16}$	$2\frac{7}{16}$	$\frac{13}{16}$	$\frac{5}{8}$
825	A-42	$2\frac{3}{4}$	$2\frac{1}{8}$	$\frac{13}{16}$	$\frac{5}{8}$	$3\frac{5}{8}$	$\frac{5}{8}$	$\frac{7}{8}$
830	A-42	$2\frac{9}{16}$	3	$\frac{13}{16}$	$\frac{3}{4}$	$3\frac{3}{8}$	$\frac{5}{8}$	$1\frac{1}{16}$



Has Round-Straight Holes for Bolts.

A-43 With Bucket Wing Attachment

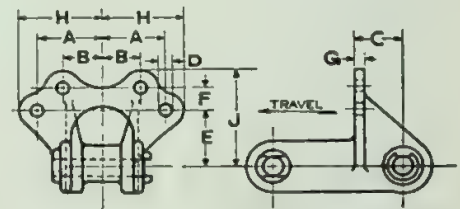
Chain No.	Name of Attachments	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L Dia. of Rivet
823	A-43 & 24-A	$2\frac{9}{16}$	$1\frac{7}{16}$	$1\frac{3}{4}$	$\frac{11}{16}$	$1\frac{1}{2}$	$\frac{1}{4}$	2	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{16}$



Has Round-Straight Holes for Bolts

F-2 Attachment

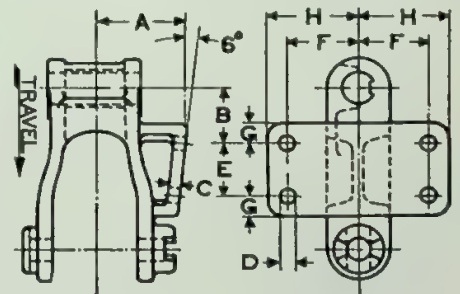
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
823	$2\frac{1}{8}$	1	2	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{5}{16}$	$\frac{5}{16}$	$2\frac{5}{8}$	$3\frac{1}{2}$
825	$2\frac{1}{8}$	1	$2\frac{5}{16}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{3}{16}$	$\frac{1}{8}$	$2\frac{5}{8}$	4
830	$2\frac{1}{8}$	1	$3\frac{1}{4}$	$\frac{3}{8}$	2	$1\frac{3}{16}$	$\frac{3}{8}$	$2\frac{11}{16}$	$3\frac{7}{8}$



Has Round-Straight Holes for Bolts.

G-6 Attachment

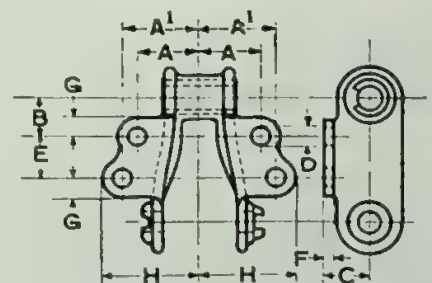
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
823	2	$1\frac{3}{8}$	$\frac{1}{4}$	$\frac{5}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$\frac{7}{16}$	$2\frac{1}{16}$
825	$2\frac{3}{8}$	$1\frac{3}{8}$	$\frac{3}{8}$	$\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{3}{4}$	$\frac{1}{2}$	$2\frac{3}{8}$
830	$2\frac{5}{8}$	$2\frac{3}{8}$	$\frac{3}{16}$	$\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{1}{2}$	$2\frac{3}{8}$



Has Round-Straight Holes for Bolts.

K-2 Attachment

Chain No.	A	A1	B	C	D Diam. of Bolts	E	F	G	H
823	$2\frac{5}{8}$	$2\frac{5}{8}$	$1\frac{5}{32}$	1	$\frac{3}{8}$	$1\frac{11}{16}$	$\frac{7}{32}$	$\frac{1}{2}$	$3\frac{1}{8}$
825	3	3	$1\frac{11}{32}$	$1\frac{1}{8}$	$\frac{1}{2}$	$2\frac{5}{8}$	$\frac{15}{32}$	$\frac{9}{16}$	$3\frac{9}{16}$
830	3	3	$1\frac{11}{32}$	$1\frac{1}{8}$	$\frac{1}{2}$	$2\frac{5}{8}$	$\frac{1}{2}$	$\frac{11}{16}$	$3\frac{11}{16}$
835	$2\frac{7}{8}$	$2\frac{7}{8}$	$1\frac{3}{8}$	$1\frac{1}{8}$	$\frac{1}{2}$	$1\frac{9}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$3\frac{25}{32}$
843	$2\frac{7}{16}$	3	$1\frac{1}{16}$	$1\frac{1}{4}$	$\frac{1}{2}$	$2\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$3\frac{23}{32}$
844	$2\frac{7}{16}$	3	$1\frac{1}{16}$	$1\frac{3}{8}$	$\frac{1}{2}$	$2\frac{3}{4}$	$\frac{1}{2}$	$\frac{3}{4}$	$3\frac{23}{32}$
847	$4\frac{9}{16}$	$4\frac{7}{8}$	$1\frac{1}{16}$	$1\frac{5}{8}$	$\frac{3}{4}$	$3\frac{1}{2}$	$\frac{3}{8}$	$1\frac{1}{16}$	$5\frac{1}{16}$



Has Square-Straight Holes on Nos. 823 and 835.

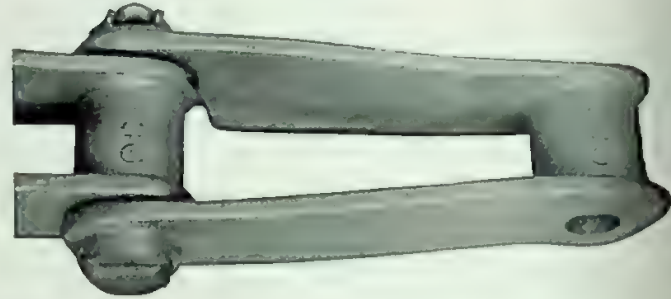
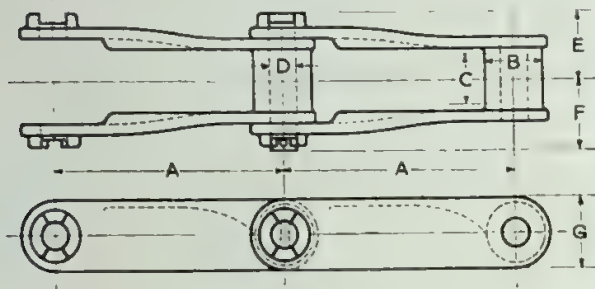
Has Round-Straight Holes on Nos. 825, 830, 843, 844, and 847.

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Atlas Chains

A Medium Priced Closed Joint Chain

This chain is interchangeable with similar makes and is extensively used in elevator service for handling semi or moderately gritty materials.



List Price and Dimensions of Plain Chain

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per Ft. Lbs.	Working Strength in Lbs. at 150 Ft. Per Min.	Max. Speed Ft. per Min.	Average Ultimate Strength Lbs.	Works on Sprockets Number	B Diam. of Barrel	C Max. Sprocket Width	D Dia. of Pin	Overall		
											E	F	G
620	\$2.70	5.00	9.3	5000	450	27000	620	1 13/16	1 1/4	1 1/16	1 3/32	2 3/32	1 7/8
631	2.50	6.00	8.1	5000	400	27000	631	1 1/16	1 1/4	1 1/16	1 3/32	2 3/32	1 7/8
710	1.60	4.72	6.3	3700	450	22000	108 Det.	1 1/8	2 3/8	1 1/16	2 1/16	3	1 3/8
*730	1.50	6.00	6.0	4500	400	30000	730	1 1/2	1 1/8	1 5/16	1 5/16	1 5/16	1 3/4

*Popular Size for General Service.

†Working Strengths in table are increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical Speeds are half of Max. Speeds.

Bold Face Type Indicates carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

For List of Sprockets, see page 137.

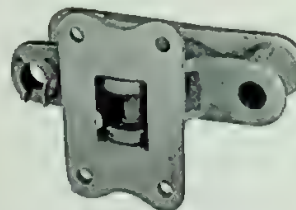
Attachments



A-53



A Bucket Wing



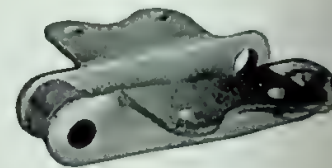
A-53 With A Bucket Wing



F-2



G-6



K-2

List Price and Weights of Attachments

Chain	List Price Per Foot	Weight per Foot, Lbs.	Chain	List Price Per Foot	Weight per Foot, Lbs.
No. 631			No. 730		
A-53.....	\$3.00	9.5	A-53.....	\$1.90	6.3
A-53 with 26-A.....		10.5	A-53 with 7-A.....		9.2
Pins with Cotters, each.....	.30	.92	F-2.....	2.30	7.5
No. 710			G-6.....	2.40	8.4
K-2.....	2.30	8.1	K-2.....	2.20	8.6
Pins with Cotters, each.....	.22	.62	Pins with Cotters, each.....	.18	.48

Bold Face Type Indicates carried in Stock Sizes.

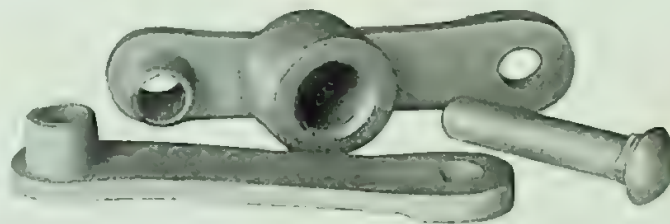
For List Price of Wing Attachments, see page 120.

Jeffrey Malleable Roller Chains



MALLEABLE Roller Chain is the least expensive of the roller type of chains and is adapted to more kinds of conveyors than any other type of malleable chain. It is used with elevators but its natural application is with conveyors where the weight carried makes the rollers operative, thus reducing carrying friction and power. The best service is obtained when handling non-gritty, non-adhesive materials. Many of the shorter pitches make excellent drive chains.

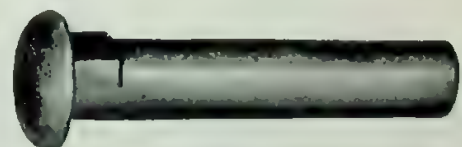
Malleable Roller Chain is so constructed that the rollers revolve on bosses cast integral with the side bars; these bosses acting as thimbles. With the pins held rigidly in place in the outside bars, all wear is confined to the comparatively long surface of the bosses.



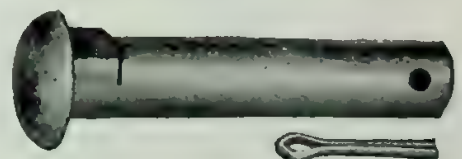
The holes for the pin in the bosses are smoothly cored and those in the other end are punched, thereby insuring an accurate pitch.



Roller Chains are made up with riveted pins, unless otherwise ordered. Chains made up with Coupling Pins throughout on order only, and at extra price. With all riveted chains we furnish coupling pins to join the ends so that they can be readily coupled up.



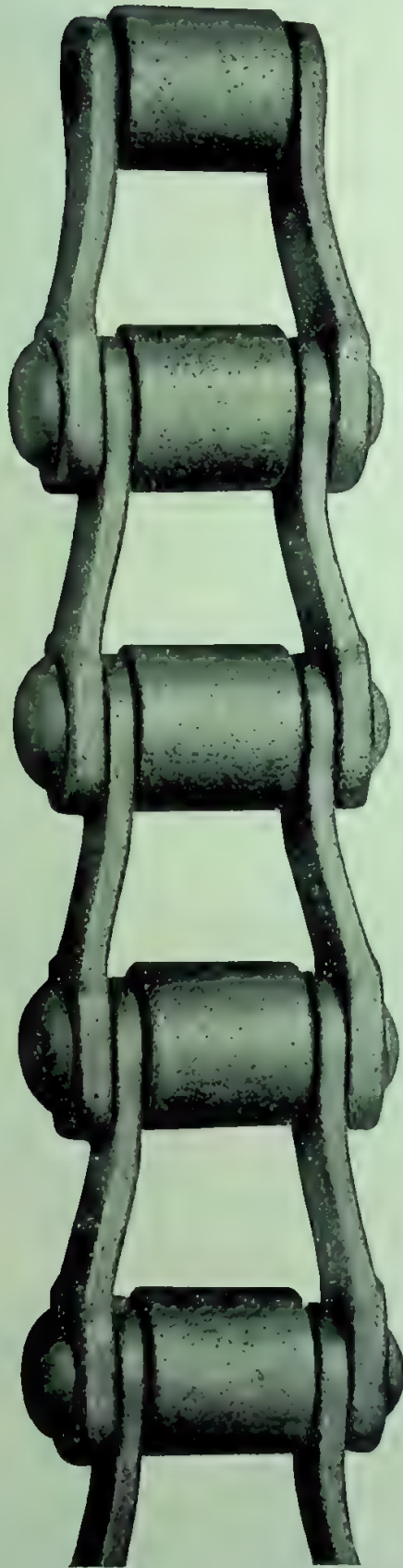
Plain Rivet Pin



Coupling Pin with Cotter

Jeffrey Malleable Roller Chains

Shown approximately actual size



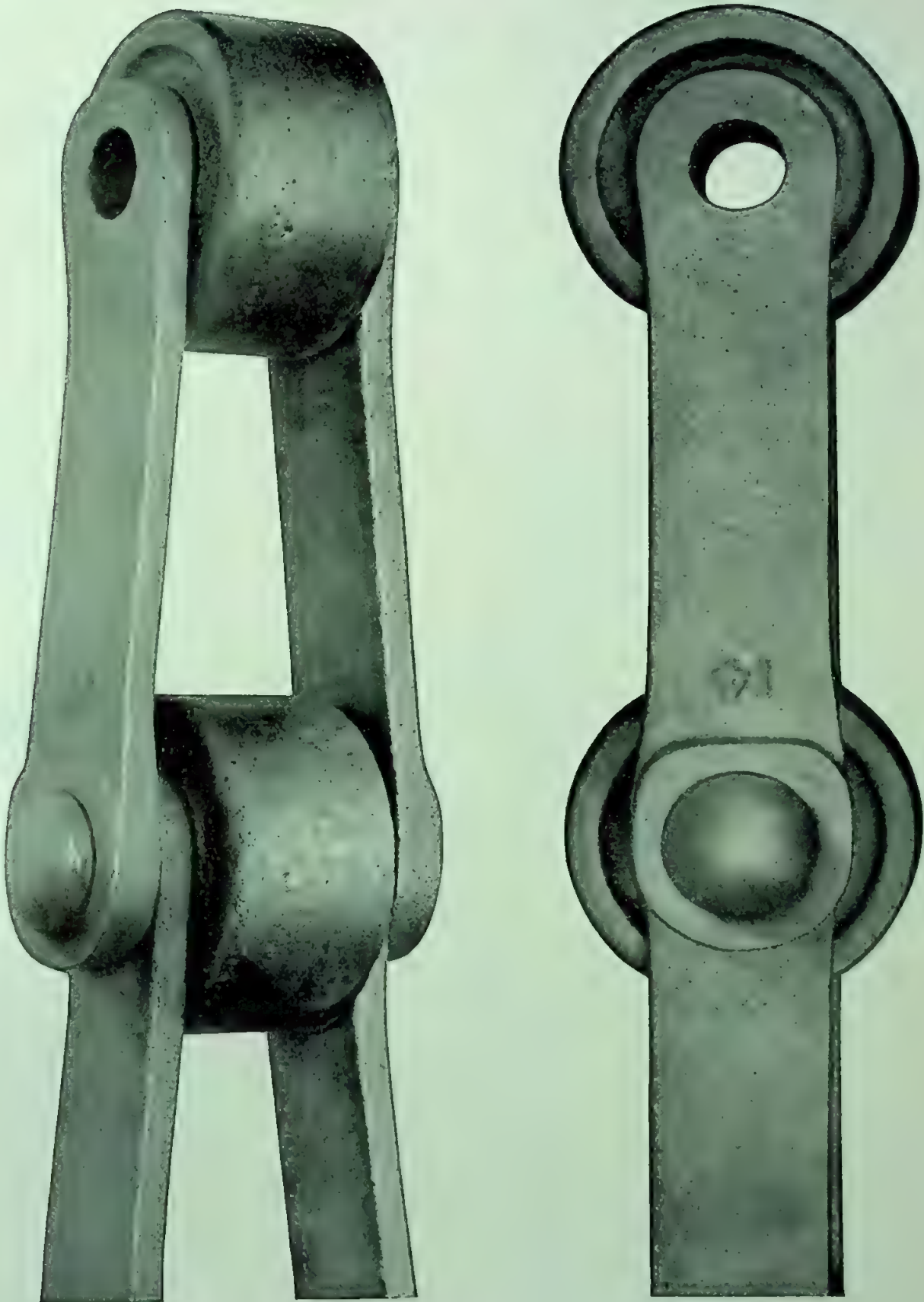
No. 62—Pitch, 1.654 Inches. Average Ultimate Strength, 6,000 lbs. Use Sprockets No. 62 Detachable.



No. 9½ Spec. — Pitch, 2.98 Inches. Average Ultimate Strength, 8,000 lbs. Use Sprockets No. 9½.

Jeffrey Malleable Roller Chains

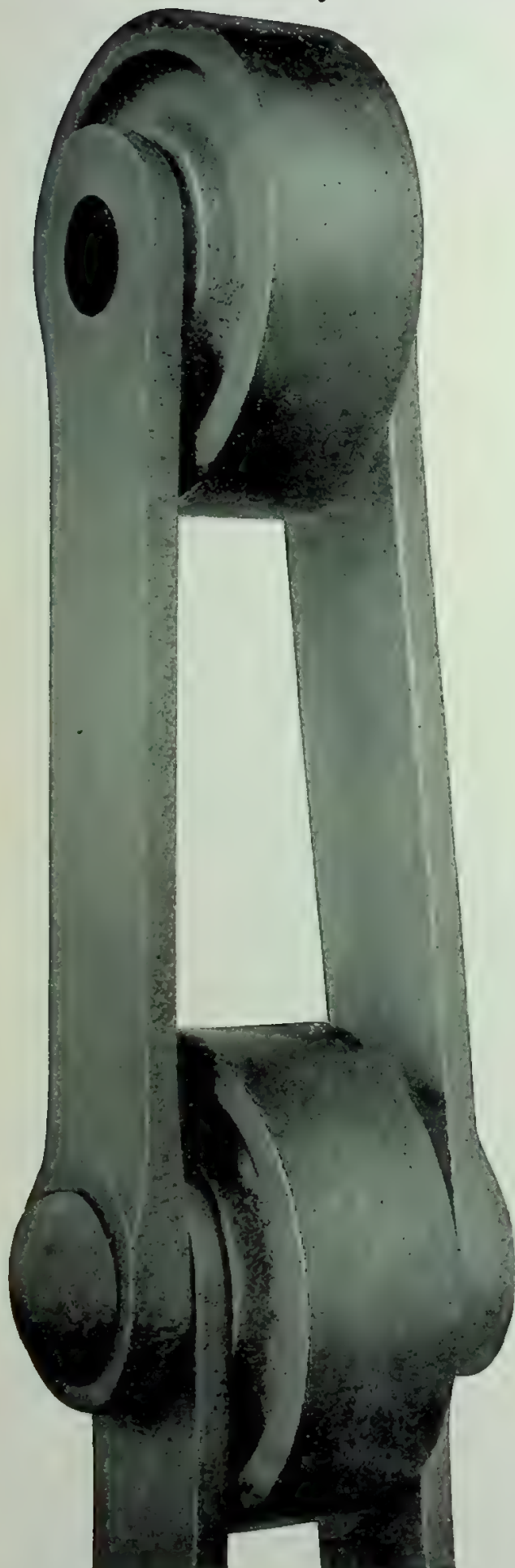
Shown approximately actual size.



No. $14\frac{1}{2}$ —Pitch 4.01 Inches. Average Ultimate Strength 11,000 lbs.
Use Sprockets No. $14\frac{1}{2}$.

No. 14—Same No. $14\frac{1}{2}$ Chain except it has $1\frac{7}{16}$ " Diameter Roller.
Use Sprockets No. 14.

Jeffrey Malleable Roller Chains



Shown approximately
actual size.

No. 126-C—Pitch 6.00 Inches.
Average Ultimate Strength,
19,000 lbs. Use Sprockets No.
126-C.

No. 126—Is the same as No.
126-C, except it has $2\frac{1}{4}$ " diam.
Roller. Use Sprockets No. 126.

Jeffrey Malleable Roller Chains

Shown approximately
actual size.

No. 1130—Pitch, 6.00 Inches. Average Ultimate Strength, 25,000 lbs. Use Sprockets No. 1130.



Jeffrey Malleable Roller Chains



Shown approximately
actual size

No. 156-C—Pitch 6.00 In.
Average Ultimate
Strength, 34,000 lbs.
Use Sprockets No. 126-C

No. 156—Is the same as
No. 156-C, except it has
2¼" diam. Rollers. Use
Sprockets No. 126.

Jeffrey Malleable Roller Chains

Shown approximately
actual size.

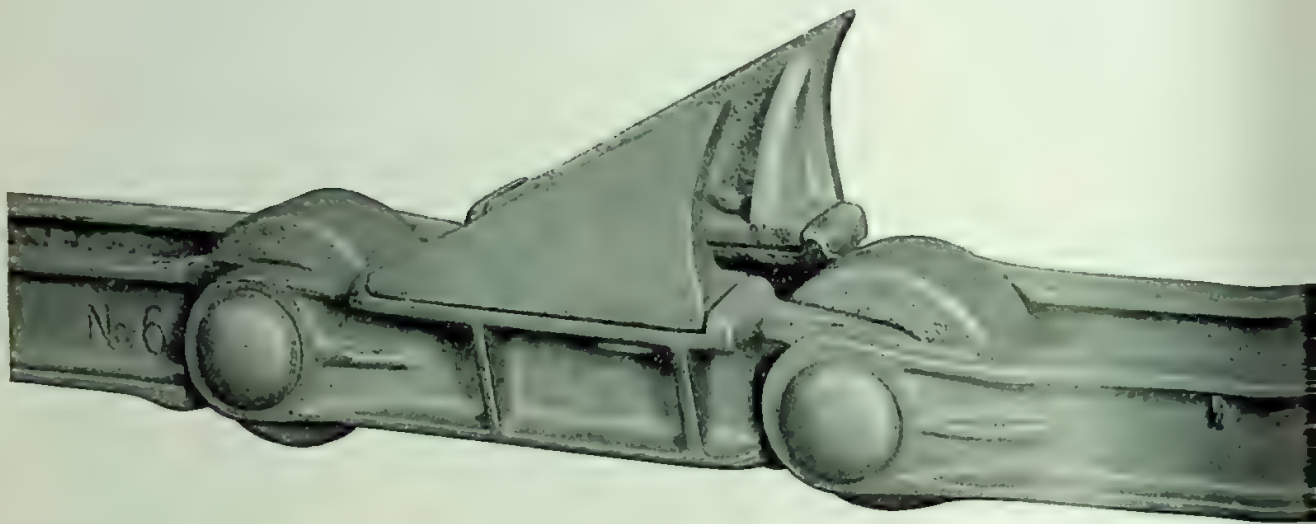
No. 5C—Pitch 5.08 inches.
Average Ultimate Strength,
34,000 lbs. Use Sprockets
No. 5C.

No. 5—is the same as No. 5C
except it has $2\frac{1}{32}$ inch dia-
meter roller. Use Sprockets
No. 5.



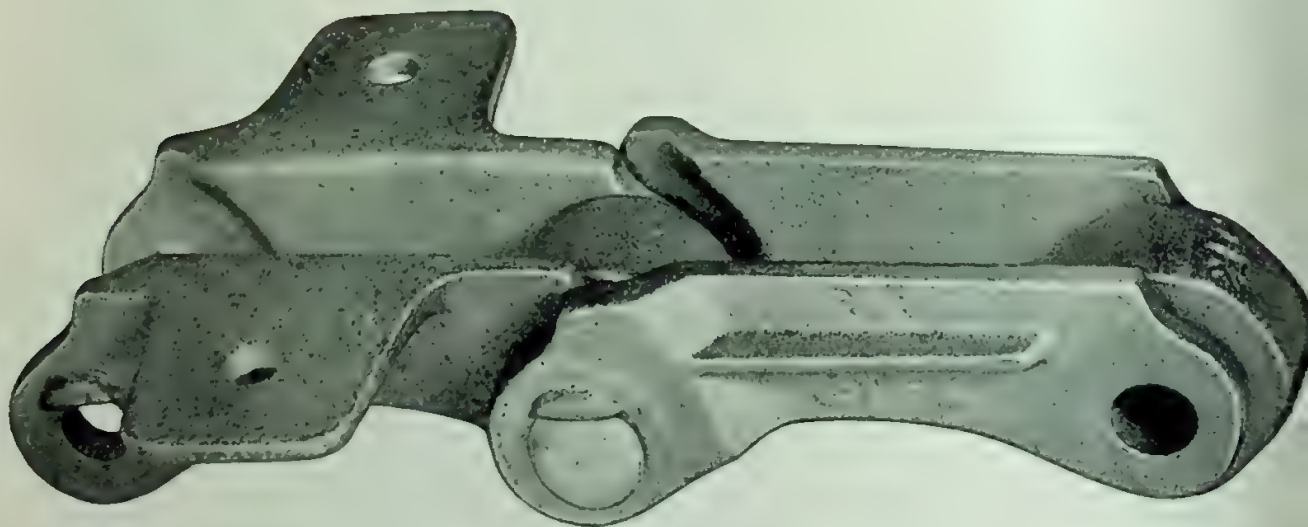
Jeffrey Malleable Roller Chains

Log Haul-up Chains



Malleable Roller Log Haul-Up Chains are made in sizes 5, 5C, 6 and 6C. For list of Dimensions, see page 74.

Roller Carrier Chains—Designed for Carrying Purposes, shown here with D Attachment



D Attachment

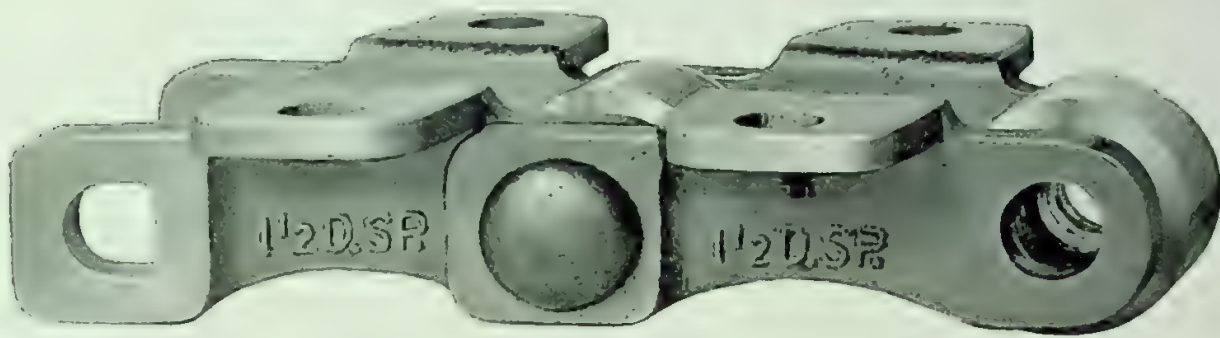
Plain Link

In this chain, the side bars are raised above the top of rollers, so that merchandise placed directly upon the plain chain or upon slats attached to two strands of the same, will not interfere with the working of the roller. Furnished in the plain chain or with attachments on both sides as shown, or on one side only.

Sizes 21C, 22C and 23C are listed on page 74.

Jeffrey Malleable Roller Chains

No. 1½D Special Malleable Roller Chain



14291

Side Bars of this Chain are made of a high grade of Malleable Iron which resists the action of the acid better than if made of Steel.



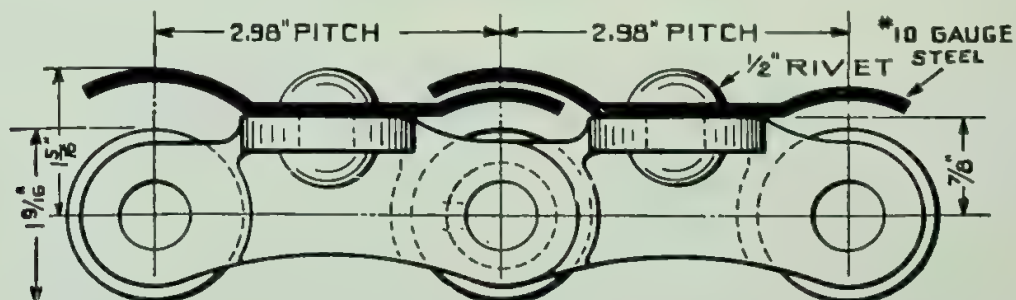
14290

Number 1½ Chain with double beaded steel flights used on the Intermediate Carrier.

AS an intermediate carrier in Sugar Mills the Number 1½ Malleable Roller Chain with its heavy double beaded steel flights is daily giving satisfaction at many places where uninterrupted service must be maintained.

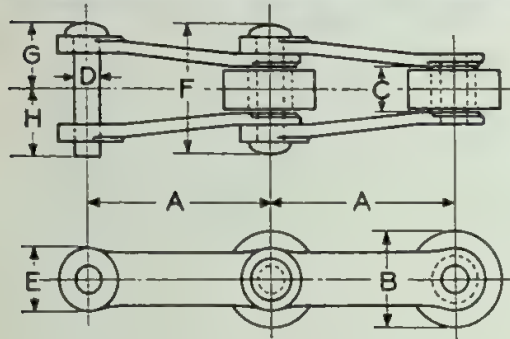
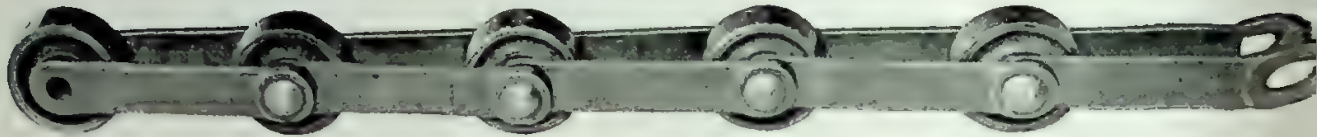
General dimensions of Jeffrey 1½ Malleable Roller Chain together with other information relating to speeds, working strengths, different types of attachments, etc., given on pages 74 and 75.

No. 1½ Roller Chain with D Special Attachment and Apron Flights

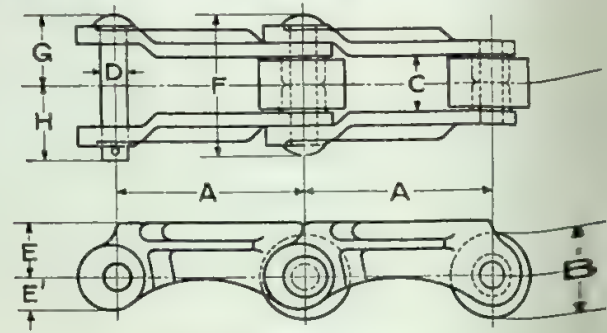


Cross-Section of carrier without retaining ends, made in 2 to 8 foot widths and upon 2 or 3 strands of chains.

Jeffrey Malleable Roller Chains



Malleable Roller Chain



Roller Carrier Chain

List Price and Dimensions of Plain Chains

Chain No.	List Price Per Foot	A Pitch Inches	Average Weight Per Foot Pounds	Working Strength at 150 F. P. M. Pounds	Max. Speed in F. P. M.	Average Ultimate Strength Pounds	Works on Sprockets No.	B Diam. of Roller	C Width Inside	D Dia. of Pin	E	EI	F Overall Riveted Chain	Overall Coupled Chain	
														G	H
0	\$0.95	2.02	1.03	670	700	4000	0	1 $\frac{1}{16}$ M. I.	1 $\frac{1}{8}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$	1 $\frac{1}{16}$
1	1.80	2.98	5.37	2575	600	15000	1	1 $\frac{1}{8}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
1 $\frac{1}{2}$ D Sp	3.00	2.98	7.75	2575	600	15000	1 $\frac{1}{2}$	1 $\frac{1}{8}$ Steel	1 $\frac{1}{4}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
2	1.70	3.70	4.35	1850	600	15000	2	1 $\frac{1}{4}$ M. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
2 Spec.	1.70	3.70	5.23	1850	600	15000	2 Spec.	1 $\frac{1}{4}$ C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
3	1.95	4.04	6.18	3000	500	19000	3	1 $\frac{1}{4}$ M. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
3 $\frac{1}{2}$	1.90	4.04	6.35	3000	500	19000	3 $\frac{1}{2}$	2 C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
5	2.75	5.08	9.01	4425	500	34000	5	2 $\frac{1}{4}$ M. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
5C	2.90	5.08	10.55	4425	500	34000	5C	2 $\frac{1}{2}$ C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
6	2.80	8.00	10.10	5000	300	34000	6	2 $\frac{3}{4}$ C. I.	2	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
6C	3.00	8.00	11.37	5000	300	34000	6C	3 C. I.	2	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
9 $\frac{1}{2}$	1.20	2.98	2.35	950	700	7000	9 $\frac{1}{2}$	1 $\frac{1}{2}$ C. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
9 $\frac{1}{2}$ Sp.	1.30	2.98	2.97	950	700	8000	9 $\frac{1}{2}$	1 $\frac{1}{2}$ C. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
12	1.50	3.53	3.65	2050	600	13000	12	1 $\frac{1}{2}$ M. I.	1	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
14	1.35	4.01	3.59	1600	600	11000	14	1 $\frac{1}{2}$ C. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
14 $\frac{1}{2}$	1.50	4.01	4.67	1600	600	11000	14 $\frac{1}{2}$	2 C. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
17	1.25	2.58	2.63	1000	700	9000	17	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
18	1.30	3.03	3.10	1475	700	10000	18	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
†21C	1.40	2.51	2.42	800	700	5000	21C	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
†22C	1.95	3.10	4.68	1225	600	7000	22C	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
†23C	2.20	4.05	6.28	1475	500	11000	23C	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
40 $\frac{1}{2}$	1.00	4.00	2.93	900	600	8000	40 $\frac{1}{2}$	2 C. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
52	1.45	1.50	1.26	600	700	3500	52	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
62	1.60	1.654	2.90	900	700	6000	62Det.	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
77	1.25	2.29	1.62	750	700	4500	77	1 $\frac{1}{2}$ M. I.	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
124	2.25	4.05	7.23	3300	500	22000	124	1 $\frac{3}{4}$ M. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
126	1.70	6.00	5.00	3100	400	19000	126	2 $\frac{1}{4}$ C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
126C	1.90	6.00	7.35	3100	400	19000	126C	3 C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
156	2.50	6.00	8.52	5000	300	34000	126	2 $\frac{1}{4}$ M. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
156C	2.75	6.00	10.35	5000	300	34000	126C	3 C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
1100	1.80	1.65	3.00	900	300	6000	1100	1 $\frac{1}{2}$ Steel	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$
1130	1.95	6.00	7.13	3750	400	25000	1130	2 $\frac{1}{2}$ C. I.	1 $\frac{1}{2}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$	1 $\frac{1}{4}$

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to special delays.

C. I. Indicates Cast Iron Rollers.

M. I. Indicates Malleable Iron Rollers.

† Roller Carrier Type.

‡ Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min, see page 121.

§ Economical Speeds are half of "Max. Speeds."

For List of Sprockets, see pages 138 to 141 for Cast Iron and page 156 for Cast Steel.

Jeffrey Malleable Roller Chains

List Price and Weight of Attachments

Chain No.	List Price per Foot	Average Weight per Ft. Lbs.	Chain No.	List Price per Foot	Average Weight per Ft. Lbs.
No. 0			No. 5		
D One Side.....	\$ 1.20	1.48	S-1 Both Sides.....	\$ 4.35	12.10
D Both Sides.....	1.35	1.65	Rivets per 100.....	20.00	76.40
Rivets per 100.....	3.00	3.80	Coupling Pins and Cotters per 100.....	25.00	78.50
Coupling Pins and Cotters per 100 ..	5.00	4.50	No. 5C		
No. 1			S-1 Both Sides.....	4.50	13.96
D Spec. Both Sides.....	2.70	7.44	Rivets per 100.....	20.00	76.40
Rivets per 100.....	10.00	29.00	Coupling Pins and Cotters per 100.....	25.00	78.50
Coupling Pins and Cotters per 100.....	12.00	30.00	No. 6		
No. 1½ (With Steel Roller)			Split Spur Both Sides.....	6.30	10.72
D Spec. Both Sides.....	3.00	8.50	Rivets per 100.....	30.00	92.60
Rivets per 100.....	10.00	33.20	Coupling Pins and Cotters per 100.....	35.00	94.70
Coupling Pins and Cotters per 100	12.00	34.20	No. 6C		
No. 2			Split Spur Both Sides.....	6.50	12.60
A-42 One Side.....	2.00	4.94	Rivets per 100.....	30.00	92.60
A-42 with 22C Flight Wing.....	.....	7.10	Coupling Pins and Cotters per 100.....	35.00	94.70
A-42 with 11T1-2 Pipe Att.....	.....	7.85	No. 9½		
A-42 with 13T1-2 Pipe Att.....	.....	8.55	A-42 One Side.....	1.60	2.85
D-1 Spec. One Side.....	2.10	5.17	A-42 with 6C Flight Wing.....	.....	4.55
D-1 Spec. Both Sides.....	2.40	5.60	A-42 with 9T1-2 Pipe Att.....	.....	4.10
D-2 One Side.....	2.00	5.46	D-1 One Side.....	1.50	2.56
G-9 One Side.....	2.65	5.73	D-1 Both Sides.....	1.70	2.88
G-19 One Side.....	2.50	6.36	D-2 One Side.....	1.60	2.80
Rivets per 100.....	10.00	29.00	Rivets per 100.....	3.00	7.60
Coupling Pins and Cotters per 100 ..	12.00	30.00	Coupling Pins and Cotters per 100 ...	5.00	8.30
No. 2 Spec.			No. 9½ Spec.		
A-42 One Side.....	2.00	5.80	A-42 One Side.....	1.70	3.41
A-42 with 22C Flight Wing.....	.....	8.00	A-42 with 6C Flight Wing.....	.....	5.10
A-42 with 11T1-2 Pipe Att.....	.....	8.75	A-42 with 9T1-2 Pipe Att.....	.....	4.65
A-42 with 13T1-2 Pipe Att.....	.....	9.44	D-1 One Side.....	1.60	3.32
D-1 Spec. One Side.....	2.10	6.03	D-1 Both Sides.....	1.80	3.41
D-1 Spec. Both Sides.....	2.40	7.81	D-2 One Side.....	1.70	3.61
D-2 One Side.....	2.00	6.32	V-Both Sides.....	1.50	3.01
G-9 One Side.....	2.65	6.59	Rivets per 100.....	3.00	7.60
G-19 One Side.....	2.50	7.22	Coupling Pins and Cotters per 100	5.00	8.30
Rivets per 100.....	10.00	29.00	No. 12		
Coupling Pins and Cotters per 100	12.00	30.00	D-2 One Side.....	1.85	4.28
No. 3			Rivets per 100.....	5.00	14.60
A-42 One Side.....	2.35	7.25	Coupling Pins and Cotters per 100..	7.00	15.60
A-42 with 23C Flight Wing.....	.....	11.30	No. 14		
A-42 with 14T1-2 Pipe Att.....	.....	10.60	A-42 One Side.....	1.65	3.86
A-53 One Side.....	2.50	9.33	A-42 with 6C Flight Wing.....	.....	5.15
A-53 with 23C Flight Wing.....	.....	13.25	A-42 with 11T1-2 Pipe Att.....	.....	6.50
D-1 One Side.....	2.35	7.02	A-42 with 13T1-2 Pipe Att.....	.....	7.15
D-1 Both Sides.....	2.65	7.92	A-42 with 1M Flight Wing .....	.....	6.25
D-2 Spec. One Side.....	2.45	7.76	D-1 One Side.....	1.65	3.98
G-9 One Side.....	3.05	7.85	D-1 Both Sides.....	1.80	4.29
G-19 One Side.....	2.75	7.98	D-2 One Side.....	1.65	3.98
Rivets per 100.....	12.00	37.20	L-1 One Side.....	2.00	4.05
Coupling Pins and Cotters per 100.....	15.00	38.70	Q-1 One Side.....	2.15	4.70
No. 3½			Q-1 Both Sides.....	2.50	5.73
A-42 One Side.....	2.30	7.40	Q-2 One Side.....	2.10	4.52
A-42 with 23C Flight Wing.....	.....	11.35	Q-2 Both Sides.....	2.60	5.37
A-42 with 14T1-2 Pipe Att.....	.....	10.75	Rivets per 100.....	5.00	16.40
A-53 One Side.....	2.45	9.48	Coupling Pins and Cotters per 100	7.00	17.40
A-53 with 23C Flight Wing.....	.....	13.40	No. 14½		
D-1 One Side.....	2.30	7.17	A-42 One Side.....	1.75	5.36
D-1 Both Sides.....	2.60	8.07	A-42 with 6C Flight Wing.....	.....	6.65
D-2 Spec. One Side.....	2.40	7.91	A-42 with 11T1-2 Pipe Att.....	.....	8.00
G-9 One Side.....	3.00	8.00	A-42 with 13T1-2 Pipe Att.....	.....	8.65
G-19 One Side.....	2.70	8.13	A-42 with 1M Flight Wing .....	.....	7.75
Rivets per 100.....	12.00	37.20	D-1 One Side.....	1.75	5.48
Coupling Pins and Cotters per 100.....	15.00	38.70			

Bold Face Type indicates Carried in Stock sizes.
For List Price of Wing Attachments, see page 120.

Jeffrey Malleable Roller Chains

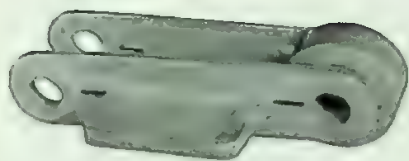
List Price and Weight of Attachments

Chain No.	List Price per Foot	Average Weight per Ft. Lbs.	Chain No.	List Price per Foot	Average Weight per Ft. Lbs.
No. 14½ (Continued)			No. 77 (Continued)		
D-1 Both Sides.....	\$1.90	5.79	D Both Sides.....	\$1.75	2.10
D-2 One Side.....	1.75	5.48	Rivets per 100.....	3.00	6.80
L-1 One Side.....	2.10	5.20	Coupling Pins and Cotters per 100.....	5.00	7.40
Q-1 One Side.....	2.25	6.20	No. 126		
Q-1 Both Sides.....	2.60	7.23	A-42 One Side.....	2.00	7.02
Q-2 One Side.....	2.20	6.02	A-42 with 23C Flight Wing.....	.....	9.70
Q-2 Both Sides.....	2.70	6.87	A-42 with 2M Flight Wing.....	.....	8.65
Rivets per 100.....	5.00	16.40	A-42 with 14T1-2 Pipe Att.....	.....	9.35
Coupling Pins and Cotters per 100.....	7.00	17.40	A-53 One Side.....	2.30	7.76
No. 17			A-53 with 23C Flight Wing.....	.....	10.40
A-42 One Side.....	1.50	2.90	A-53 with 2M Flight Wing.....	.....	10.05
A-42 with 6C Flight Wing.....	.....	4.90	D-1 One Side.....	2.00	7.00
A-42 with 9T1-2 Pipe Att.....	.....	5.00	D-1 Both Sides.....	2.30	7.84
D One Side.....	1.50	2.81	D-2 One Side.....	2.00	7.10
D Both Sides.....	1.60	3.02	G-9 One Side.....	2.20	7.86
D Spec. One Side.....	1.65	3.34	V Both Sides.....	2.00	6.76
Rivets per 100.....	5.00	10.20	VE-1 One Side.....	2.60	9.30
Coupling Pins and Cotters per 100.....	7.00	10.80	Rivets per 100.....	12.00	38.40
No. 18			Coupling Pins and Cotters per 100.....	15.00	39.50
A-42 One Side.....	1.60	3.27	No. 126C		
A-42 with 6C Flight Wing.....	.....	4.95	A-42 One Side.....	2.20	8.52
A-42 with 9T1-2 Pipe Att.....	.....	4.45	A-42 with 23C Flight Wing.....	.....	11.20
D One Side.....	1.60	3.27	A-42 with 2M Flight Wing.....	.....	10.15
D Both Sides.....	1.80	3.91	A-42 with 14T1-2 Pipe Att.....	.....	10.85
D Spec. One Side.....	1.70	4.33	A-53 One Side.....	2.50	9.26
Rivets per 100.....	5.00	14.60	A-53 with 23C Flight Wing.....	.....	11.90
Coupling Pins and Cotters per 100.....	7.00	15.60	A-53 with 2M Flight Wing.....	.....	11.55
No. 21C			D-1 One Side.....	2.20	8.50
D One Side.....	1.65	2.83	D-1 Both Sides.....	2.50	9.34
D Both Sides.....	1.90	2.97	D-2 One Side.....	2.20	8.60
Rivets per 100.....	3.00	5.60	G-9 One Side.....	2.40	9.46
Coupling Pins and Cotters per 100.....	5.00	6.20	V Both Sides.....	2.20	8.26
No. 22C			VE-1 One Side.....	2.80	10.80
D One Side.....	2.30	5.09	Rivets per 100.....	12.00	38.40
D Both Sides.....	2.50	5.47	Coupling Pins and Cotters per 100.....	15.00	39.50
Rivets per 100.....	5.00	14.20	No. 156		
Coupling Pins and Cotters per 100.....	7.00	15.20	A-42 One Side.....	3.05	9.54
No. 23C			A-42 with 23C Flight Wing.....	.....	12.22
G One Side.....	2.50	6.31	A-42 with 2M Flight Wing.....	.....	11.17
G Both Sides.....	2.80	6.90	A-42 with 14T1-2 Pipe Att.....	.....	11.89
Rivets per 100.....	10.00	33.00	D-1 One Side.....	3.15	11.02
Coupling Pins and Cotters per 100.....	12.00	34.00	D-1 Both Sides.....	3.75	13.30
No. 40½			D-2 One Side.....	3.15	10.12
D-2 One Side.....	1.20	3.45	G-9 One Side.....	3.75	12.34
Rivets per 100.....	3.00	6.80	Rivets per 100.....	20.00	69.40
Coupling Pins and Cotters per 100.....	5.00	7.40	Coupling Pins and Cotters per 100.....	25.00	71.50
No. 52			No. 156C		
D One Side.....	1.65	1.45	A-42 One Side.....	3.30	11.22
D Both Sides.....	1.90	1.63	A-42 with 23C Flight Wing.....	.....	13.86
Rivets per 100.....	3.00	4.00	A-42 with 2M Flight Wing.....	.....	12.82
Coupling Pins and Cotters per 100.....	5.00	4.60	A-42 with 14T1-2 Pipe Att.....	.....	13.54
No. 62			D-1 One Side.....	3.40	12.70
G One Side.....	2.10	2.60	D-1 Both Sides.....	4.00	14.98
G Both Sides.....	2.30	2.98	D-2 One Side.....	3.40	11.80
Q-1 One Side.....	2.10	2.74	G-9 One Side.....	4.00	14.02
Rivets per 100.....	3.00	7.60	Rivets per 100.....	20.00	69.40
Coupling Pins and Cotters per 100.....	5.00	8.30	Coupling Pins and Cotters per 100.....	25.00	71.50
No. 77			No. 1130		
A-42 One Side.....	1.50	2.22	A-11 One Side.....	2.50	9.00
A-42 with 6C Flight Wing.....	.....	4.42	A-42 One Side.....	2.50	9.00
D One Side.....	1.50	1.84	A-42 with 2C Flight Wing.....	.....	13.20
			K-2 Both Sides.....	2.90	10.60
			Rivets per 100.....	14.00	12.70
			Coupling Pins and Cotters per 100.....	18.00	51.00

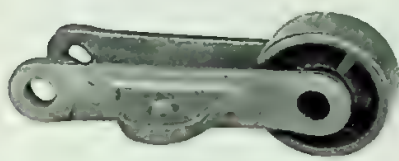
Bold Face Type indicates Carried in Stock sizes.
For List Price of Wing Attachments, see page 120.

Jeffrey Malleable Roller Chains

Attachments



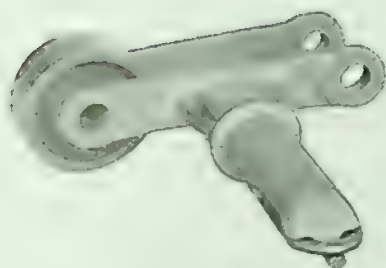
A-11



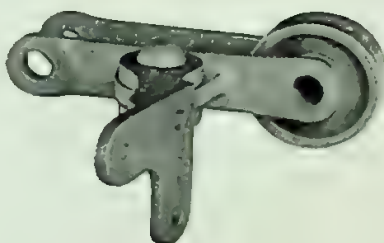
A-42



A-42 with C Wing



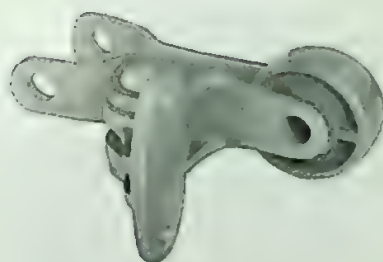
A-42 with T1-2



A-42 with M Wing



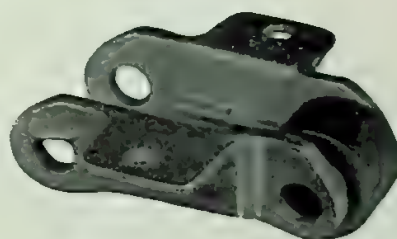
A-53



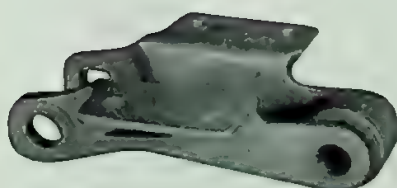
A-53 with C Wing



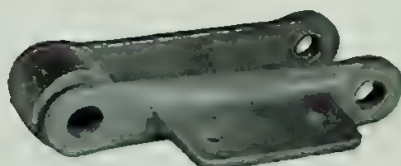
A-53 with M Wing



D



D-1



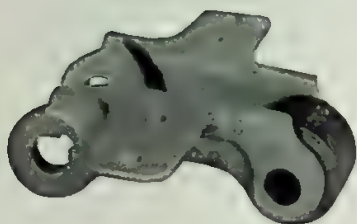
D-2



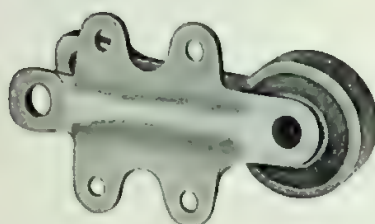
D-2 Spec.

Jeffrey Malleable Roller Chains

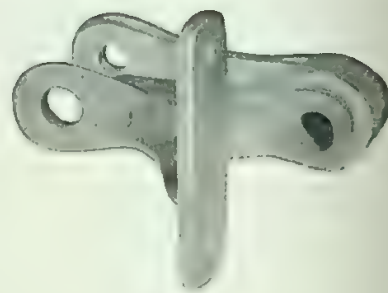
Attachments



G



G-9



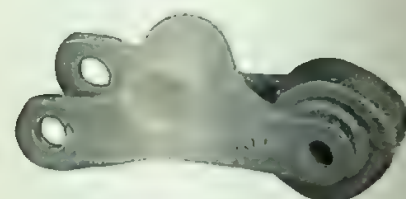
G-19



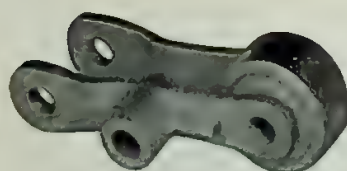
K-2



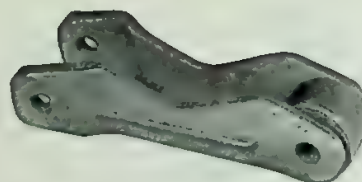
L-1



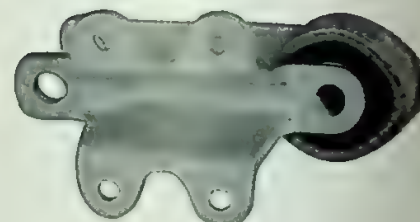
Q-1



Q-2



V



VE-1



S-1



Spur

Jeffrey Malleable Roller Chains

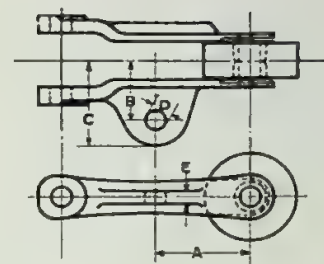
Dimensions of Attachments

A-42 Attachment

Chain No.	A	B	C	D Dia. of Bolts	E	Chain No.	A	B	C	D Dia. of Bolts	E
2	1 3/16	1 1/2	2 1/8	1/2	3/8	17	1 3/16	1 1/2	2 1/8	3/8	1 1/16
2 Spec	1 3/16	1 1/2	2 1/8	1/2	3/8	18	1 3/16	1 1/2	2 1/8	3/8	1 1/16
3	2 1/16	2	2 7/8	5/8	7/16	77	1 1/16	1 1/2	2 1/8	3/8	1 1/16
3 1/2	2 1/16	2	2 7/8	5/8	7/16	126	3	2	2 3/4	5/8	1 7/16
9 1/2	1 1/2	1 1/2	1 1/2	3/8	1/2	126C	3	2	2 3/4	5/8	1 7/16
9 1/2 Spec	1 1/2	1 1/2	1 1/2	3/8	1/2	156	3	2 1/8	3	5/8	1 7/16
14	2	2	2 1/8	3/8	1/2	156C	3	2 1/8	3 5/8	5/8	1 7/16
14 1/2	2	2	2 1/8	3/8	1/2	1130	3	2 1/16	3 3/16	5/8	1 19/32

†Reamed for 1/2 inch rivet when used with M Flight Wing and T 1-2

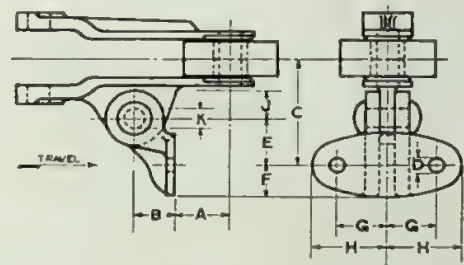
*B is 2 1/16 and D, 1/2 for 13 T 1-2 Pipe Att.



Has Round-Straight Holes for Bolts.

A-42 Attachment with C Flight Wing

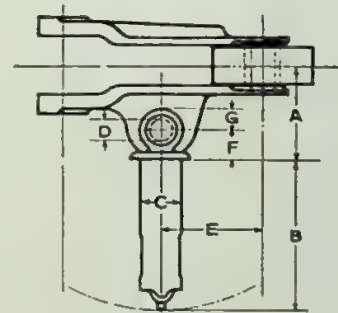
Chain No.	Name of Attachments	A	B	C	D Diam. of Bolts	E	F	G	H	J	K Dia. of Rivet
2	A-42 & 22C	2 3/16	1	3	3/8	1 1/2	3/4	1 1/2	2 3/4	5/8	1 1/2
2 Spec	A-42 & 22C	2 3/16	1	3	3/8	1 1/2	3/4	1 1/2	2 3/4	5/8	1 1/2
3	A-42 & 23C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
3 1/2	A-42 & 23C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
9 1/2	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
9 1/2 Spec	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
14	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
14 1/2	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
17	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
18	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
77	A-42 & 6C	1 1/16	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
126	A-42 & 23C	1 3/4	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
126C	A-42 & 23C	1 3/4	1 1/4	3 1/2	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
156	A-42 & 23C	1 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
156C	A-42 & 23C	1 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 1/8	7/8	5/8
1130	A-42 & 2C	3/8	2 5/8	3 1/2	1/2	1 1/16	1	1 3/4	2 1/2	1	5/8



Has Round-Straight Holes for Bolts.

A-42 Attachment with T 1-2

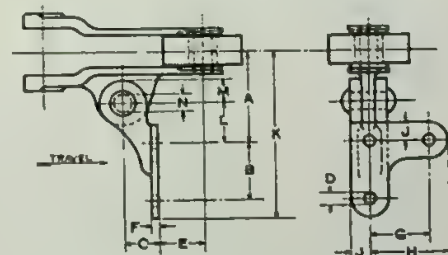
Chain No.	A	B	C	D Diam. of Lug	E	Number of Pipe Att.	F	G
2	2 3/16	4 1/16	1 1/4	1 5/16	1	11T 1-2	7/8	2 1/2
2	2 1/16	4 1/16	1 1/2	1 1/2	1	13T 1-2	1 1/16	1 1/16
2 Sp.	2 3/16	4 1/16	1 1/4	1 5/16	1	11T 1-2	7/8	2 1/2
2 Sp.	2 1/16	4 1/16	1 1/2	1 1/2	1	13T 1-2	1 1/16	1 1/16
3	3 1/16	4 1/16	1 1/2	1 5/16	2	14T 1-2	1 3/16	2 1/16
3 1/2	3 1/16	4 1/16	1 1/2	1 5/16	2	14T 1-2	1 3/16	2 1/16
9 1/2	2 1/4	3 1/16	1 1/2	1 5/16	1 1/2	9T 1-2	1 1/16	1 1/16
9 1/2 Spec	2 1/4	3 1/16	1 1/2	1 5/16	1 1/2	9T 1-2	1 1/16	1 1/16
14	2 7/16	4 1/16	1 1/4	1 5/16	2	11T 1-2	7/8	2 1/2
14	2 7/16	4 1/16	1 1/2	1 5/16	2	13T 1-2	1 1/16	1 1/16
14 1/2	2 7/16	4 1/16	1 1/4	1 5/16	2	11T 1-2	7/8	2 1/2
14 1/2	2 7/16	4 1/16	1 1/2	1 5/16	2	13T 1-2	1 1/16	1 1/16
17	2 3/8	3 1/16	1 1/2	1 5/16	1 9/16	9T 1-2	1 1/16	1 1/16
18	2 1/16	3 1/16	1 1/2	1 5/16	1 9/16	9T 1-2	1 1/16	1 1/16
126	3 1/16	4 1/16	1 1/2	1 5/16	3	14T 1-2	1 1/16	2 1/16
126C	3 1/16	4 1/16	1 1/2	1 5/16	3	14T 1-2	1 1/16	2 1/16
156	3 3/16	4 1/16	1 1/2	1 5/16	3	14T 1-2	1 1/16	2 1/16
156C	3 3/16	4 1/16	1 1/2	1 5/16	3	14T 1-2	1 1/16	2 1/16



A-42 Attachment with M Flight Wing

Chain No.	Name of Attachments	A	B	C	D Dia. of Bolts	E	F	G	H	J	K	L	M	N Dia. of Rivet
14	A-42 & 1M	3 1/16	1 3/4	1	3/8	1	1/4	1 3/4	2 1/16	1 1/16	5 1/2	1 1/2	1 1/16	1/2
14 1/2	A-42 & 1M	3 1/16	1 3/4	1	3/8	1	1/4	1 3/4	2 1/16	1 1/16	5 1/2	1 1/2	1 1/16	1/2
126	A-42 & 2M	3 1/2	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 1/16	1 1/16	6 1/8	1 1/2	7/8	5/8
126C	A-42 & 2M	3 1/2	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 1/16	1 1/16	6 1/8	1 1/2	7/8	5/8
156	A-42 & 2M	3 5/8	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 1/16	1 1/16	6 1/8	1 1/2	7/8	5/8
156C	A-42 & 2M	3 5/8	2 1/4	1 1/4	3/8	1 3/4	1/4	2 1/4	2 1/16	1 1/16	6 1/8	1 1/2	7/8	5/8

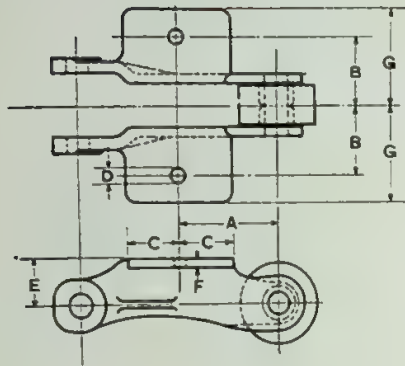
Bold Face Type Indicates Carried in Stock Sizes.



Has Round-Straight Holes for Bolts.

Jeffrey Malleable Roller Chains

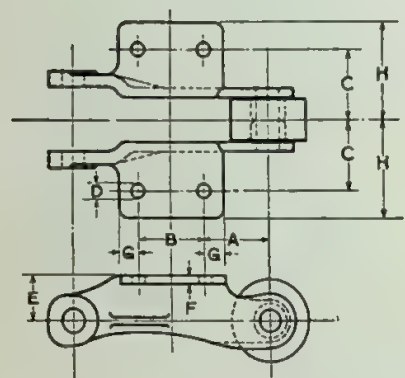
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

D Attachment

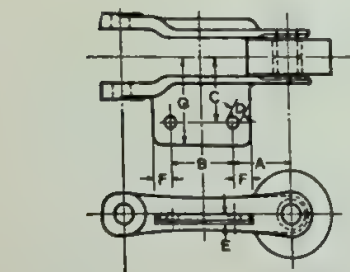
Chain No.	Name of Attachments	A	B	C	D Dia. of Bolts	E	F	G
O	D	$1\frac{1}{16}$	1	$\frac{7}{16}$	$\frac{1}{4}$	$\frac{7}{16}$	$\frac{3}{32}$	$1\frac{3}{8}$
1	D Spec.	$1\frac{1}{2}$	$1\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{1}{4}$	$2\frac{3}{8}$
$1\frac{1}{2}$	D Spec.	$1\frac{1}{2}$	$1\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$\frac{7}{8}$	$\frac{1}{4}$	$2\frac{3}{8}$
17	D	$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{3}{32}$	$1\frac{1}{8}$
17	D Spec.	$1\frac{1}{4}$	$1\frac{1}{16}$	$1\frac{3}{16}$	$\frac{5}{16}$	$\frac{13}{16}$	$\frac{1}{32}$	2
18	D	$1\frac{7}{16}$	$1\frac{3}{8}$	$\frac{5}{8}$	$\frac{5}{16}$	$\frac{11}{16}$	$\frac{1}{8}$	$1\frac{3}{4}$
18	D Spec.	$1\frac{5}{8}$	$1\frac{11}{16}$	1	$\frac{1}{8}$	$\frac{3}{4}$	$\frac{3}{16}$	$2\frac{1}{16}$
21C	D	$1\frac{5}{16}$	$1\frac{1}{4}$	$\frac{9}{16}$	$\frac{1}{4}$	$\frac{3}{4}$	$\frac{3}{32}$	$1\frac{7}{8}$
22C	D	$1\frac{5}{8}$	$1\frac{11}{16}$	$\frac{11}{16}$	$\frac{1}{16}$	$\frac{1}{16}$	$\frac{1}{8}$	$2\frac{1}{16}$
52	D	$\frac{3}{4}$	1	$\frac{3}{8}$	$\frac{1}{4}$	$\frac{1}{16}$	$\frac{1}{16}$	$1\frac{1}{8}$
77	D	$1\frac{9}{16}$	$1\frac{1}{8}$	$\frac{15}{32}$	$\frac{1}{4}$	$\frac{1}{16}$	$\frac{1}{16}$	$1\frac{1}{2}$



Has Round-Straight Holes for Bolts.

D-1 Attachment

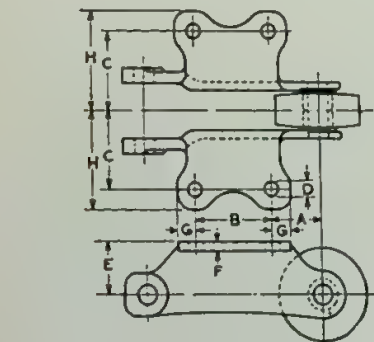
Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H
2	D-1 Spec.	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{11}{16}$	$\frac{5}{16}$	$1\frac{3}{4}$	$\frac{1}{16}$	$\frac{13}{32}$	$2\frac{1}{8}$
2 Sp.	D-1 Spec.	$1\frac{1}{2}$	$1\frac{1}{16}$	$1\frac{11}{16}$	$\frac{1}{16}$	$1\frac{3}{4}$	$\frac{1}{16}$	$\frac{13}{32}$	$2\frac{1}{8}$
3	D-1	$1\frac{5}{16}$	$1\frac{1}{2}$	$2\frac{1}{8}$	$\frac{3}{8}$	$1\frac{3}{4}$	$\frac{1}{32}$	$\frac{1}{16}$	$2\frac{5}{8}$
$3\frac{1}{2}$	D-1	$1\frac{5}{16}$	$1\frac{1}{2}$	$2\frac{1}{8}$	$\frac{3}{8}$	$1\frac{3}{4}$	$\frac{1}{32}$	$\frac{1}{16}$	$2\frac{5}{8}$
$9\frac{1}{2}$	D-1	$1\frac{1}{16}$	$\frac{7}{8}$	$1\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	$1\frac{1}{2}$
$9\frac{1}{2}$ Sp.	D-1	$1\frac{1}{16}$	$\frac{7}{8}$	$1\frac{1}{4}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{1}{8}$	$\frac{3}{8}$	$1\frac{1}{2}$
14	D-1	$1\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$\frac{5}{16}$	$1\frac{1}{8}$	$\frac{3}{32}$	$\frac{13}{32}$	$2\frac{1}{8}$
$14\frac{1}{2}$	D-1	$1\frac{3}{8}$	$1\frac{1}{4}$	$1\frac{5}{8}$	$\frac{1}{16}$	$1\frac{1}{8}$	$\frac{3}{32}$	$\frac{13}{32}$	$2\frac{1}{8}$
126	D-1	2	2	$1\frac{11}{16}$	$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	$\frac{9}{16}$	$2\frac{1}{8}$
126C	D-1	2	2	$1\frac{11}{16}$	$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	$\frac{9}{16}$	$2\frac{1}{8}$
156	D-1	$2\frac{5}{16}$	$2\frac{1}{4}$	$2\frac{13}{16}$	$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	$\frac{9}{16}$	$3\frac{1}{8}$
156C	D-1	$2\frac{5}{16}$	$2\frac{1}{4}$	$2\frac{13}{16}$	$\frac{3}{8}$	$1\frac{1}{16}$	$\frac{1}{16}$	$\frac{9}{16}$	$3\frac{1}{8}$



Has Round-Straight Holes for Bolts.

D-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
2	$1\frac{11}{32}$	$1\frac{3}{8}$	2	$\frac{3}{8}$	$\frac{3}{16}$	$\frac{3}{8}$	$2\frac{1}{16}$
2 Sp.	$1\frac{11}{32}$	$1\frac{3}{8}$	2	$\frac{3}{8}$	$\frac{3}{16}$	$\frac{3}{8}$	$2\frac{1}{16}$
$9\frac{1}{2}$	$1\frac{11}{16}$	$1\frac{1}{16}$	$1\frac{35}{64}$	$\frac{1}{4}$	$\frac{3}{32}$	$\frac{13}{32}$	$2\frac{1}{2}$
$9\frac{1}{2}$ Sp.	$1\frac{11}{16}$	$1\frac{1}{16}$	$1\frac{35}{64}$	$\frac{1}{4}$	$\frac{3}{32}$	$\frac{13}{32}$	2
12	$1\frac{5}{16}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{7}{16}$	$2\frac{1}{8}$
14	$1\frac{5}{16}$	$1\frac{1}{2}$	$1\frac{27}{32}$	$\frac{5}{16}$	$\frac{1}{8}$	$\frac{13}{32}$	$2\frac{3}{8}$
$14\frac{1}{2}$	$1\frac{5}{16}$	$1\frac{1}{2}$	$1\frac{27}{32}$	$\frac{5}{16}$	$\frac{1}{8}$	$\frac{13}{32}$	$2\frac{3}{8}$
$40\frac{1}{2}$	$1\frac{11}{64}$	$1\frac{1}{2}$	$1\frac{27}{32}$	$\frac{5}{16}$	$\frac{1}{8}$	$\frac{13}{32}$	$2\frac{3}{8}$
126	2	$2\frac{1}{4}$	$2\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{5}{8}$	$2\frac{1}{8}$
126C	2	$2\frac{1}{4}$	$2\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{5}{8}$	$2\frac{1}{8}$
156	2	$2\frac{1}{4}$	$2\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{5}{8}$	$3\frac{1}{8}$
156C	2	$2\frac{1}{4}$	$2\frac{3}{8}$	$\frac{3}{8}$	$\frac{1}{16}$	$\frac{5}{8}$	$3\frac{1}{8}$



Has Round-Straight Holes for Bolts.

K-2 Attachment

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
1130	$1\frac{11}{16}$	$2\frac{5}{8}$	3	$\frac{1}{2}$	$1\frac{1}{16}$	$\frac{3}{32}$	$\frac{5}{8}$	$3\frac{5}{8}$

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Steel Thimble Roller Chains

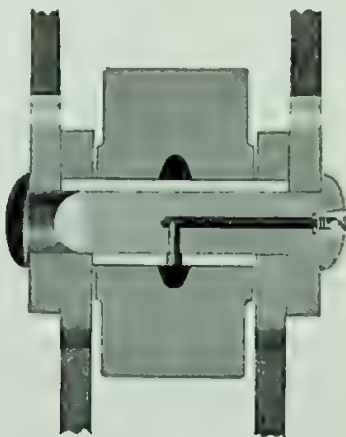
STEEL Thimble Roller Chain is the finest type of chain in the whole elevating and conveying field. The smaller and lighter sizes make most excellent drive chains while the larger sizes are adapted to nearly all types of elevators and conveyors.

Steel Thimble Roller Chains have high carbon steel side bars, hardened steel thimbles and heat treated steel pins. The thimbles are held rigidly in place in the inside bars as are the pins in the outside bars, thereby confining all wear from articulation to the long bearing surface within the thimble.

Best service is obtained when not used in direct contact with sticky or gritty materials. No chain will give better results under severe shocks and occasional overloads than the Steel Thimble Roller Chains.



The thimbles are held rigidly in the side bars by being notched on each end to fit the key effect in side bars. This insures perfect alignment.



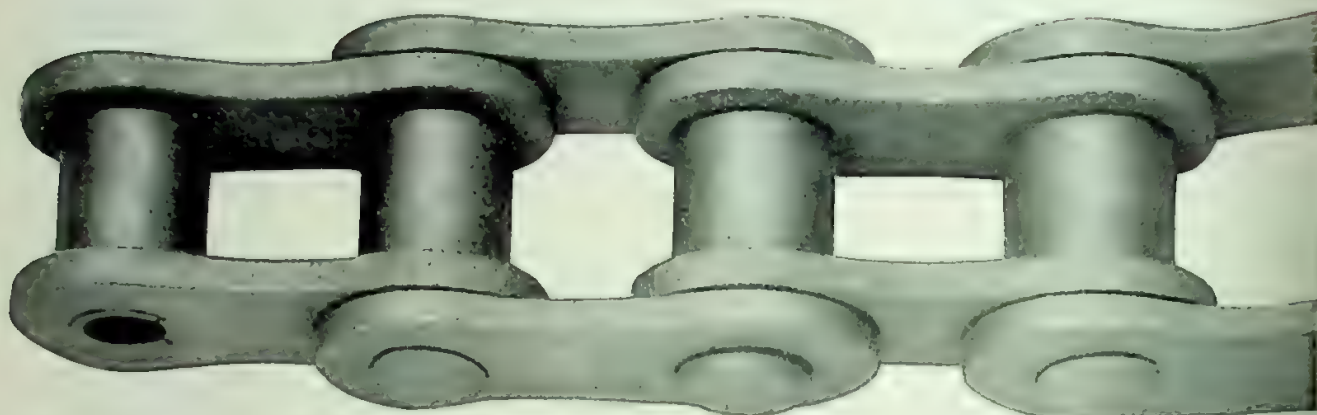
Those steel thimble roller chains having pins $\frac{5}{8}$ " or larger may be lubricated by means of the high pressure lubricating system as shown by the cross-section illustration above. This permits the lubrication of slow speed chains while in motion.

Prices on Application.

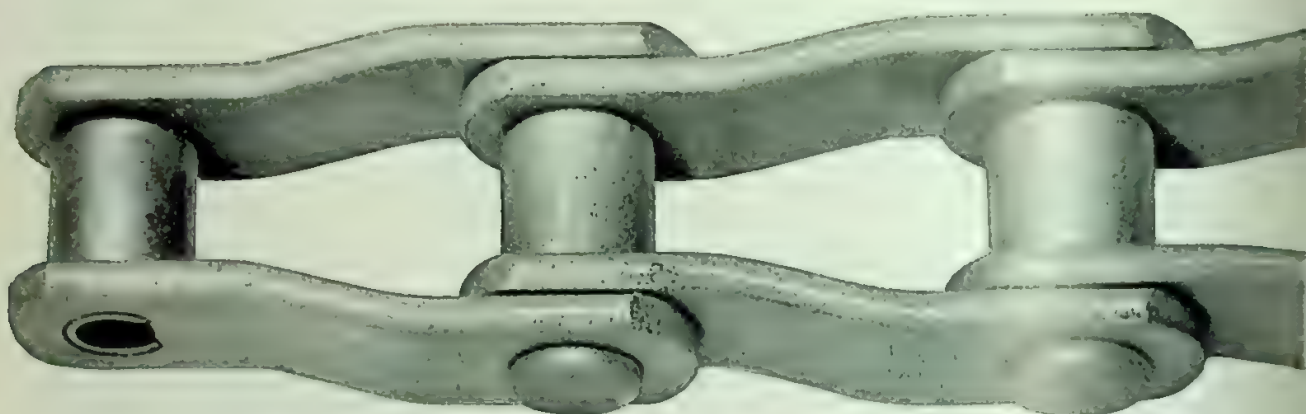


Jeffrey Steel Thimble Roller Chains

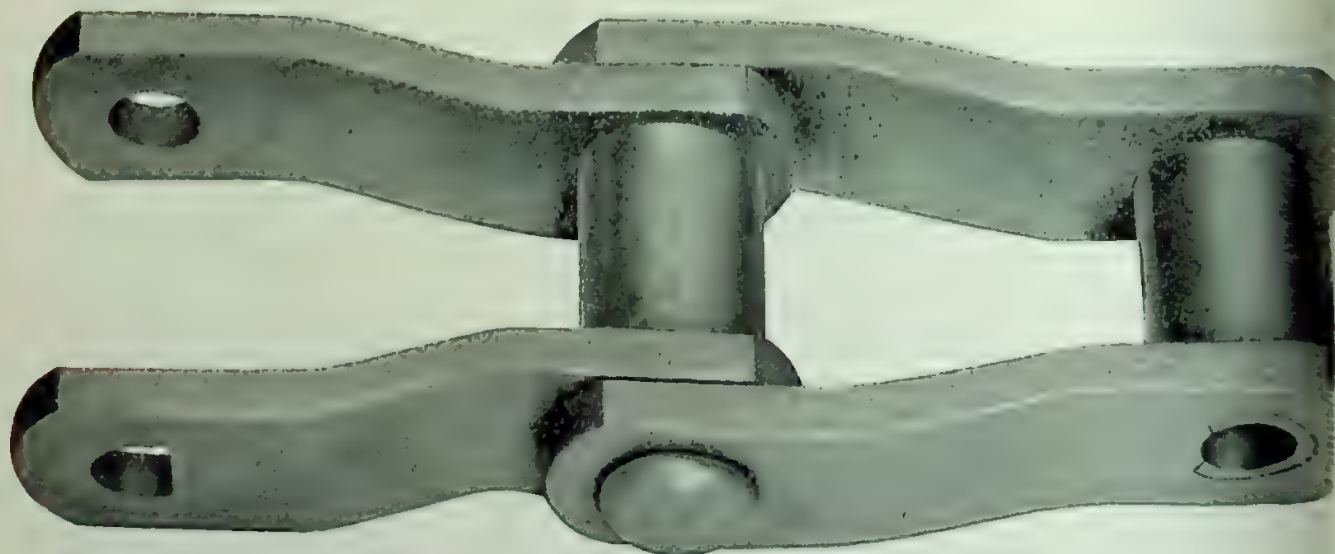
Shown approximately actual size.



No. 950—Pitch 1.50 Inches. Average Ultimate Strength, 14,000 lbs.
Use Sprockets No. 950.



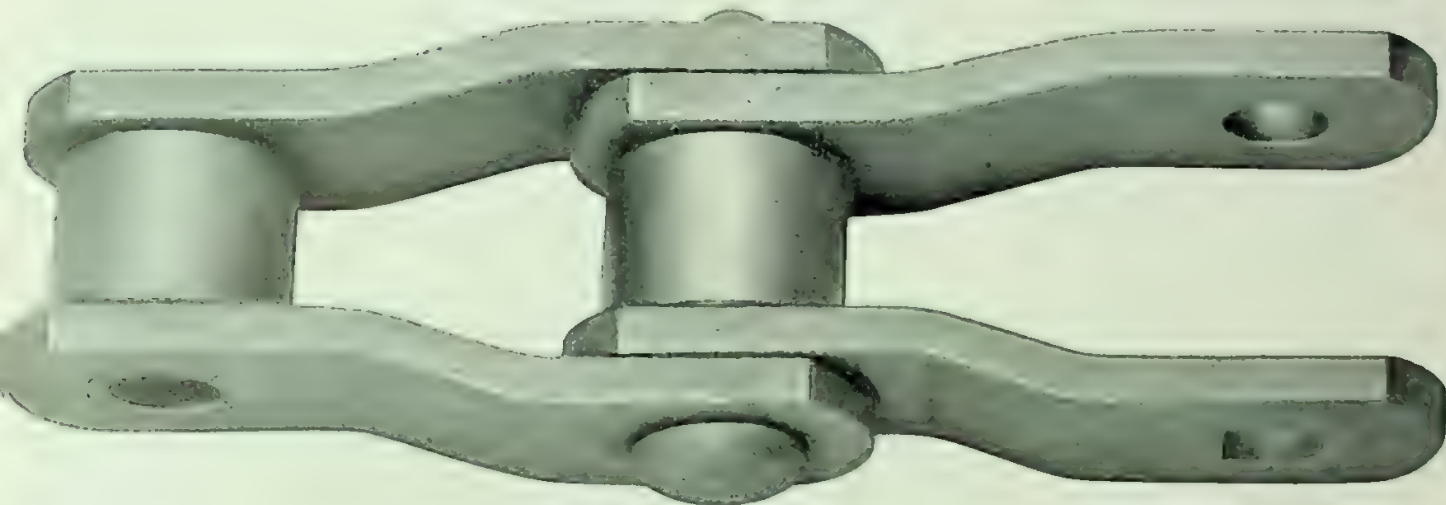
No. 1094—Pitch 2.30 Inches. Average Ultimate Strength, 10,000 lbs.
Use Sprockets No. 77 Detachable.



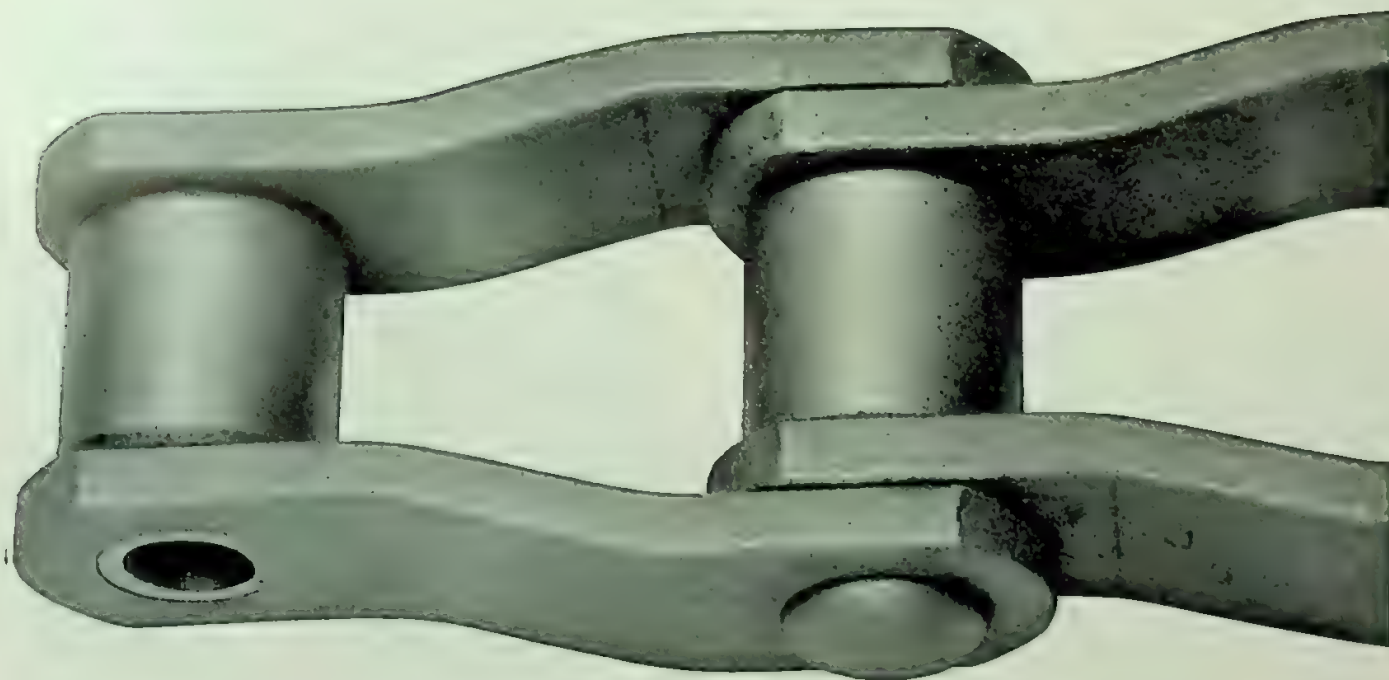
No. 433 $\frac{1}{2}$ —Pitch 2.62 Inches. Average Ultimate Strength, 13,000 lbs.
Use Sprockets No. 77 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



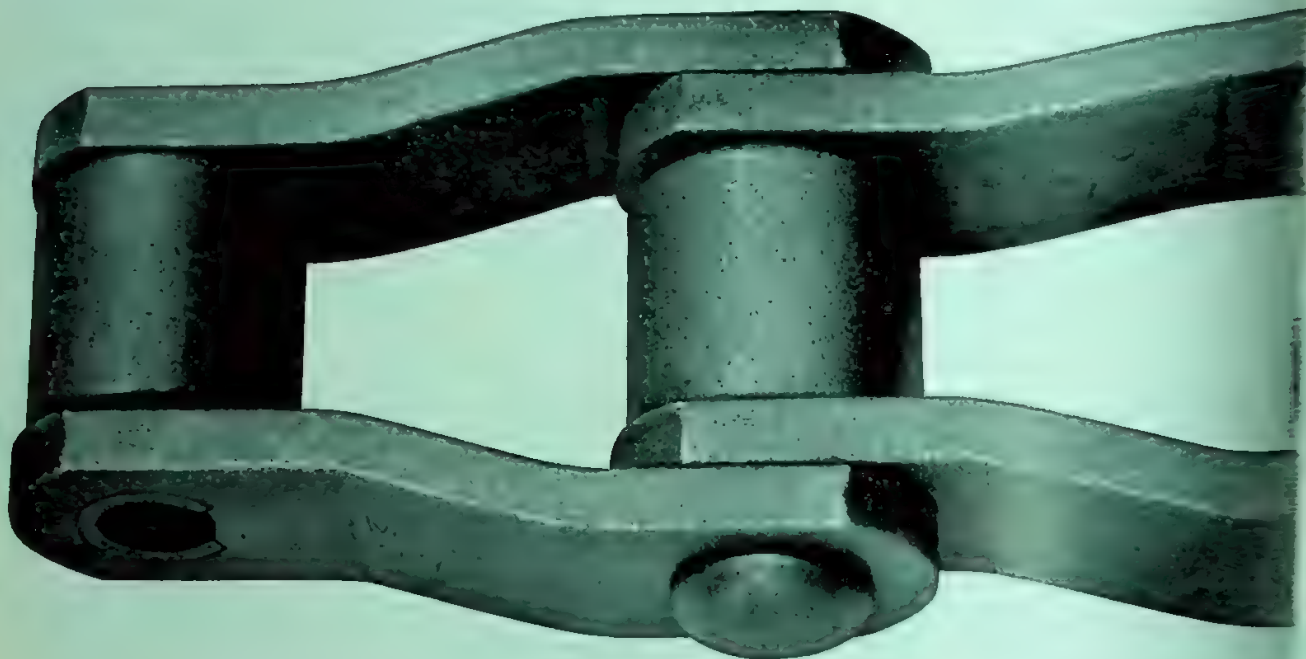
No. 17—Pitch 2.56 Inches. Average Ultimate Strength, 16,500 lbs.
Use Sprockets No. 17.



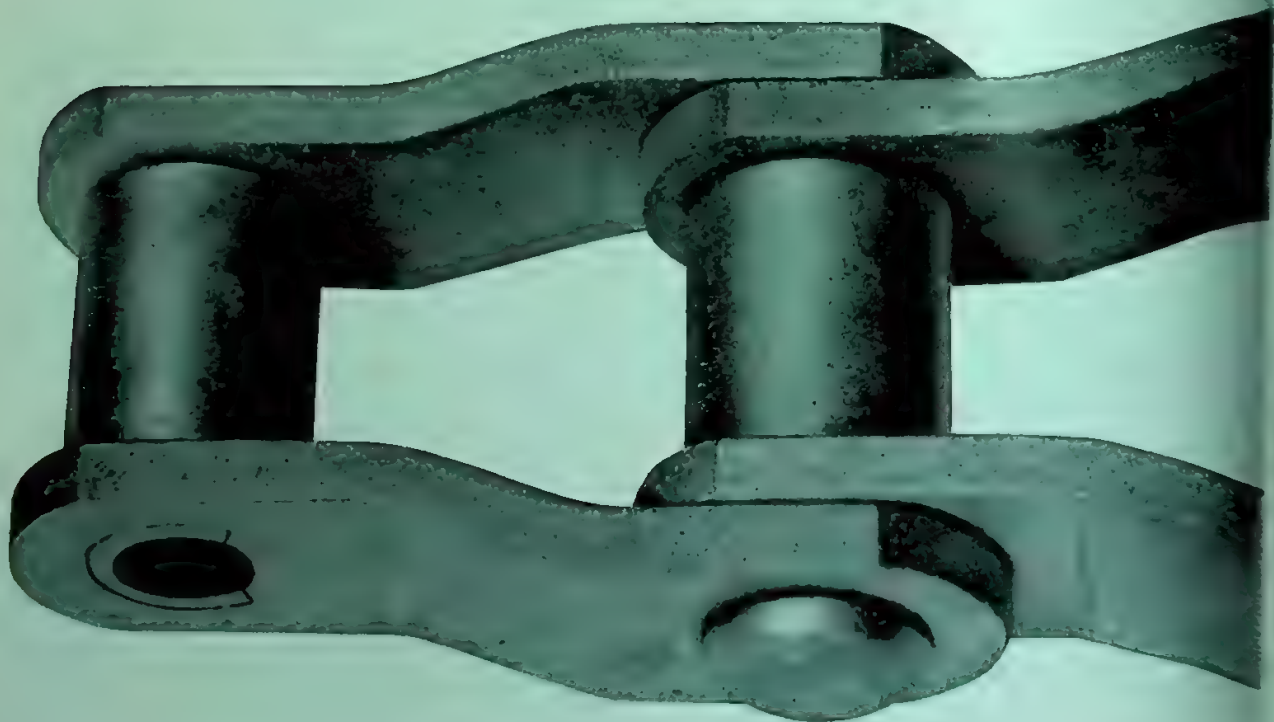
No. 120—Pitch 3.07 Inches. Average Ultimate Strength, 22,000 lbs.
Use Sprockets No. 103 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



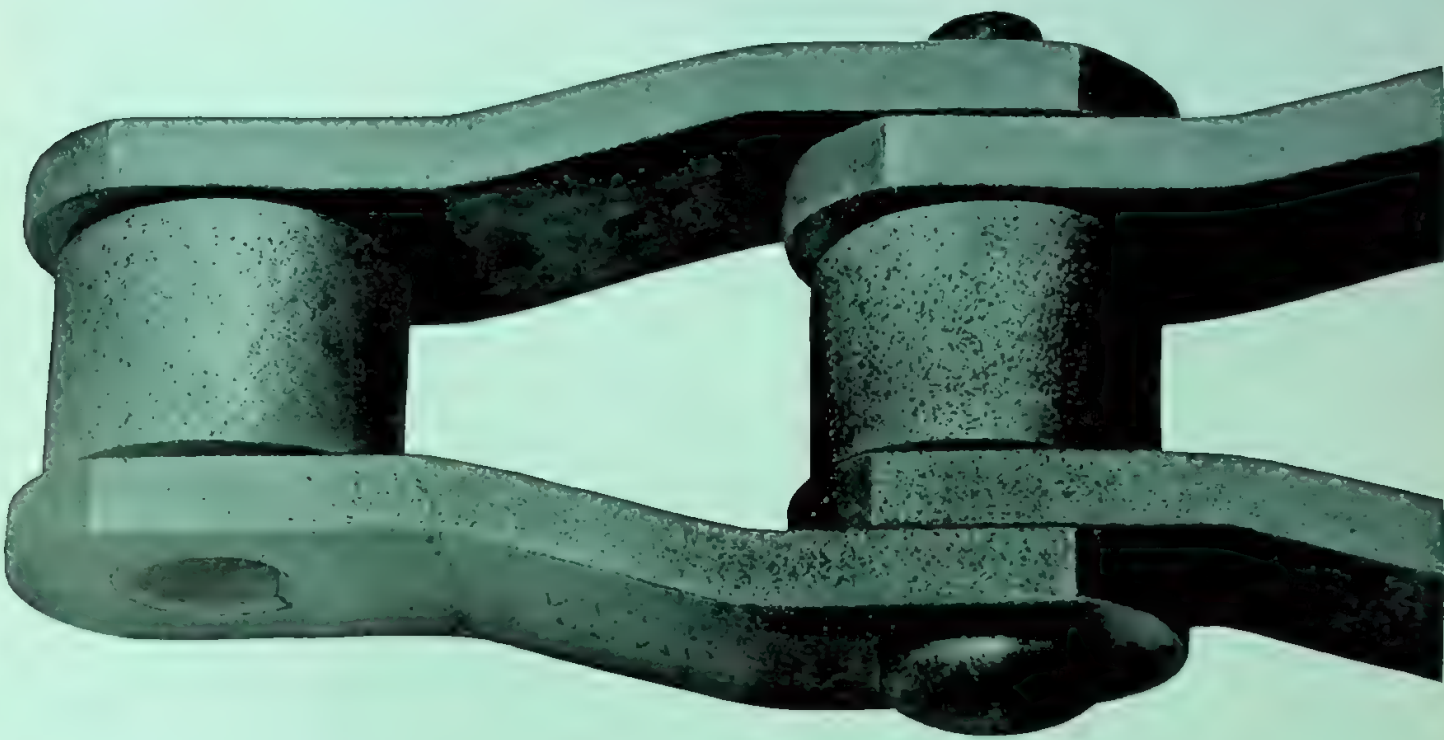
No. 27—Pitch 2.98 Inches. Average Ultimate Strength, 22,000 lbs.
Use Sprockets No. 27.



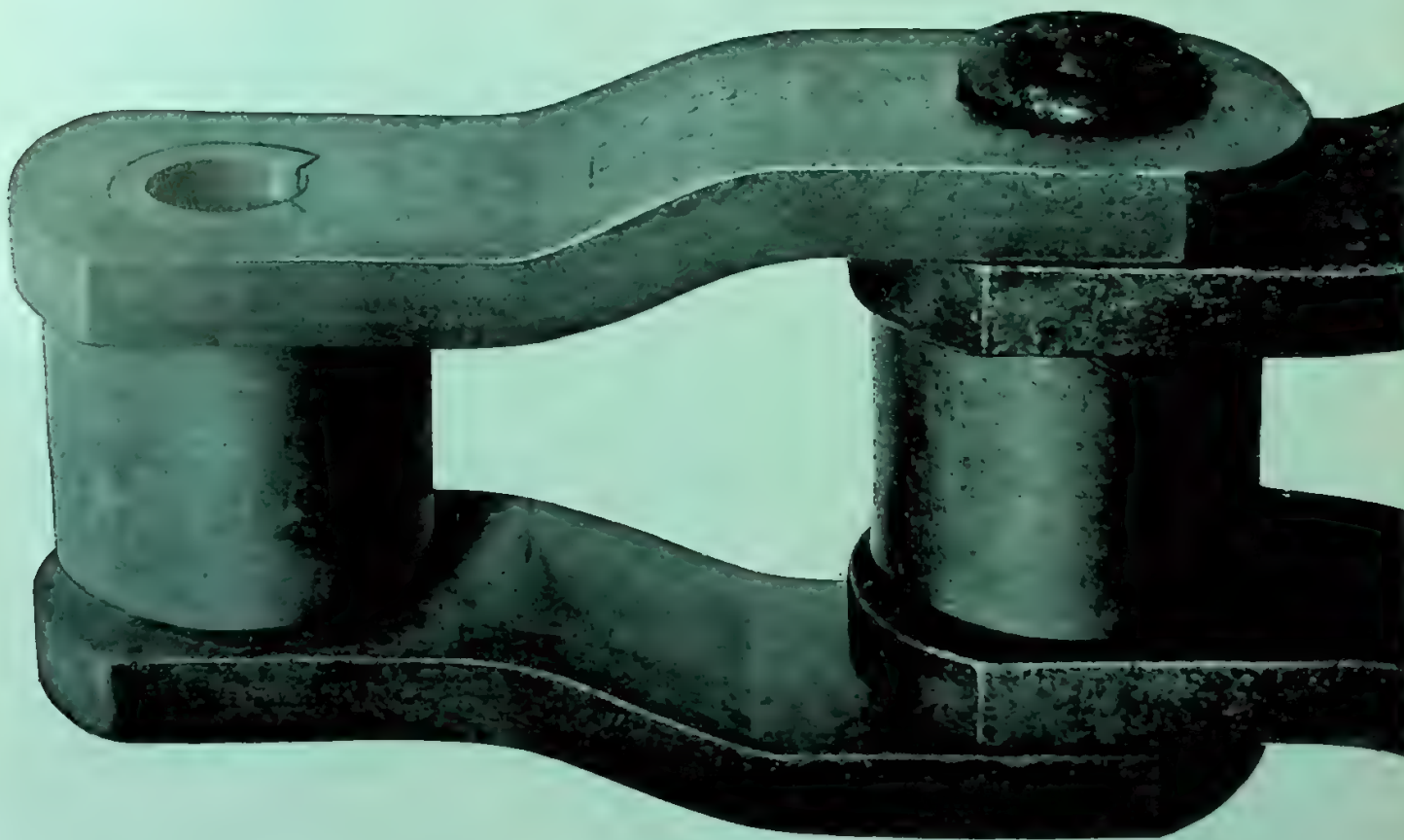
No. SS-40—Pitch 3.075 Inches. Average Ultimate Strength 28,000 lbs.
Use Sprockets No. 103 Detachable.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.



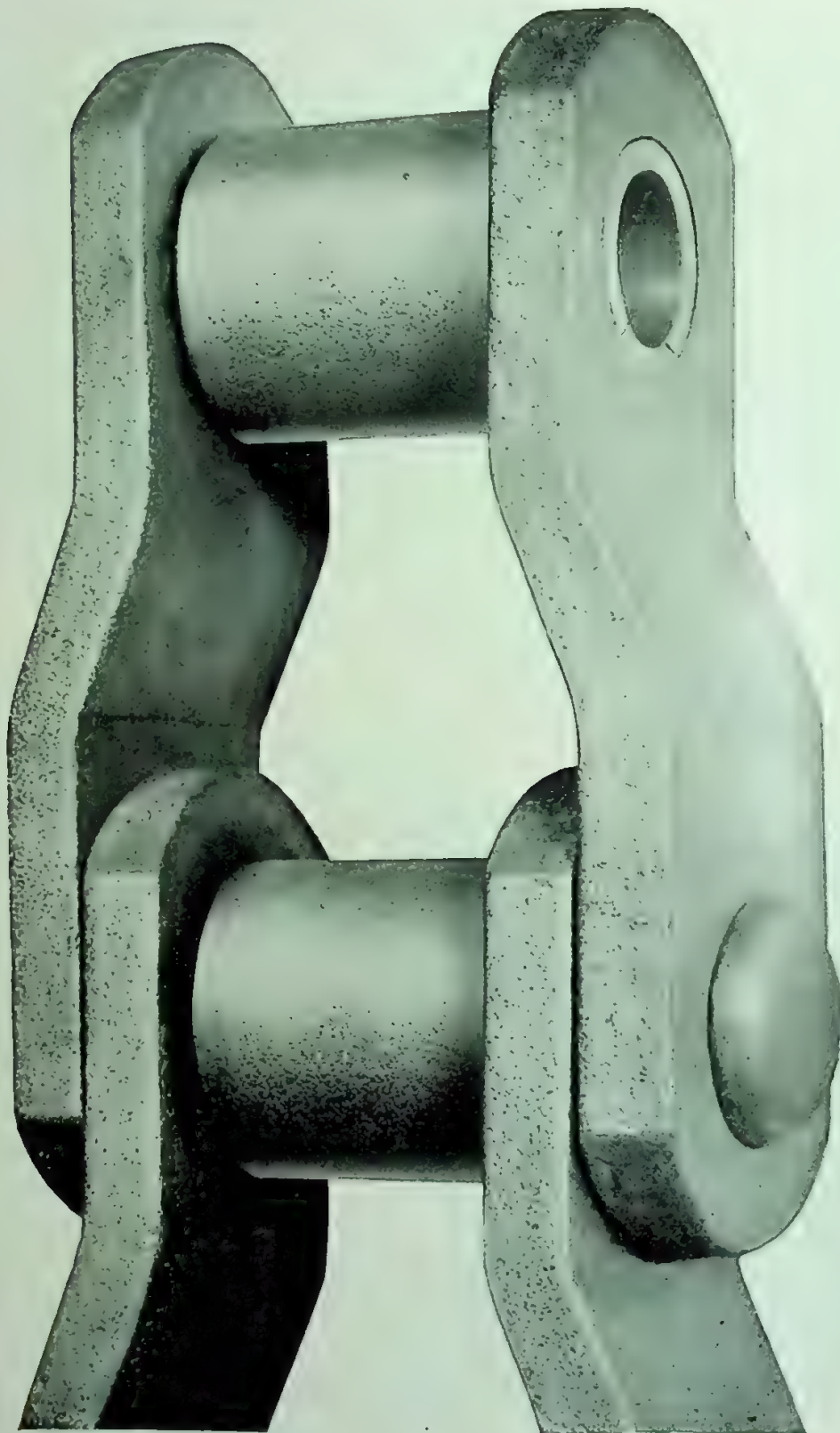
No. 1114—Pitch 3.507 In. Average Ultimate Strength, 28,000 lbs.
Use Sprockets No. 1114.



No. 112—Pitch 4.04 inches. Average Ultimate Strength, 40,000 lbs.
Use Sprockets No. 112.

Jeffrey Steel Thimble Roller Chains

Shown approximately actual size.

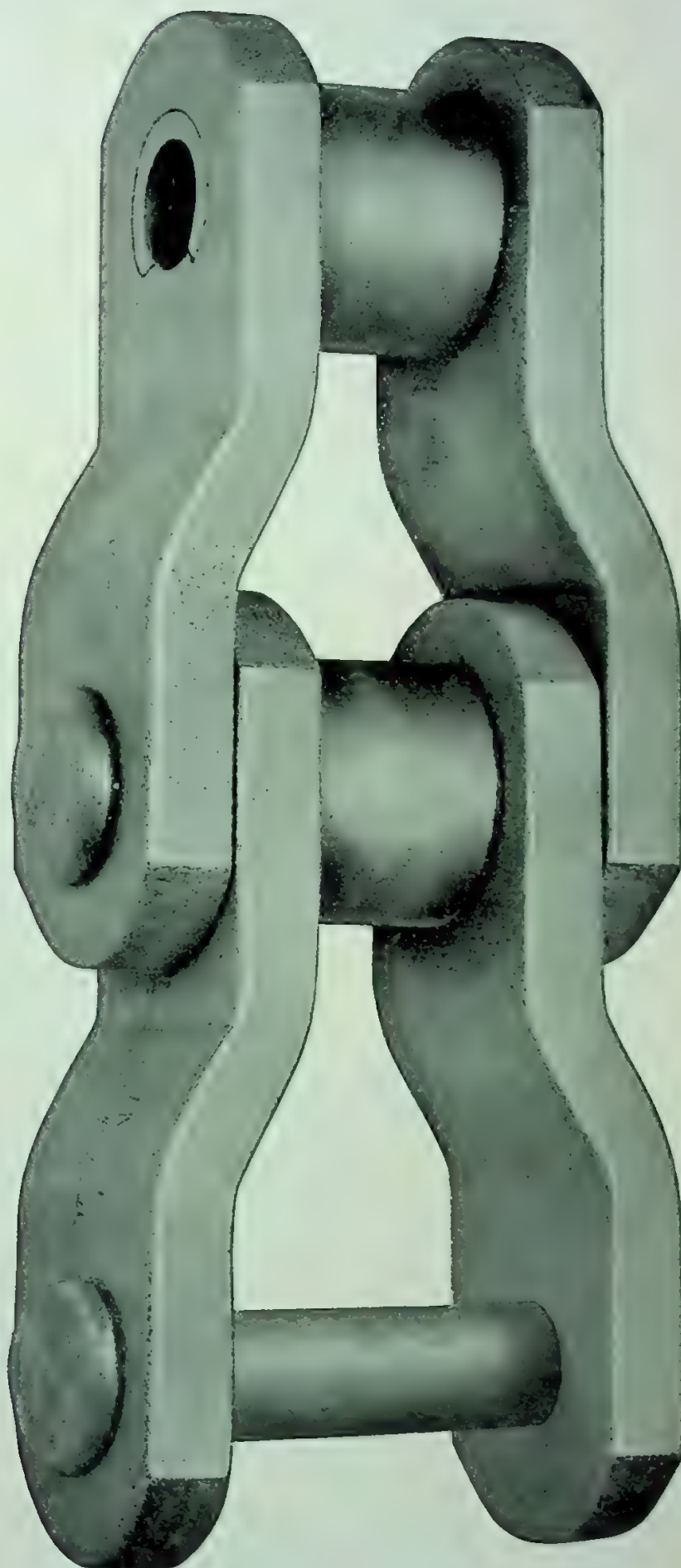


No. SS-124—Pitch, 4.063 inches. Average Ultimate Strength, 58,000 lbs.
Use Sprockets No. 124 Detachable.

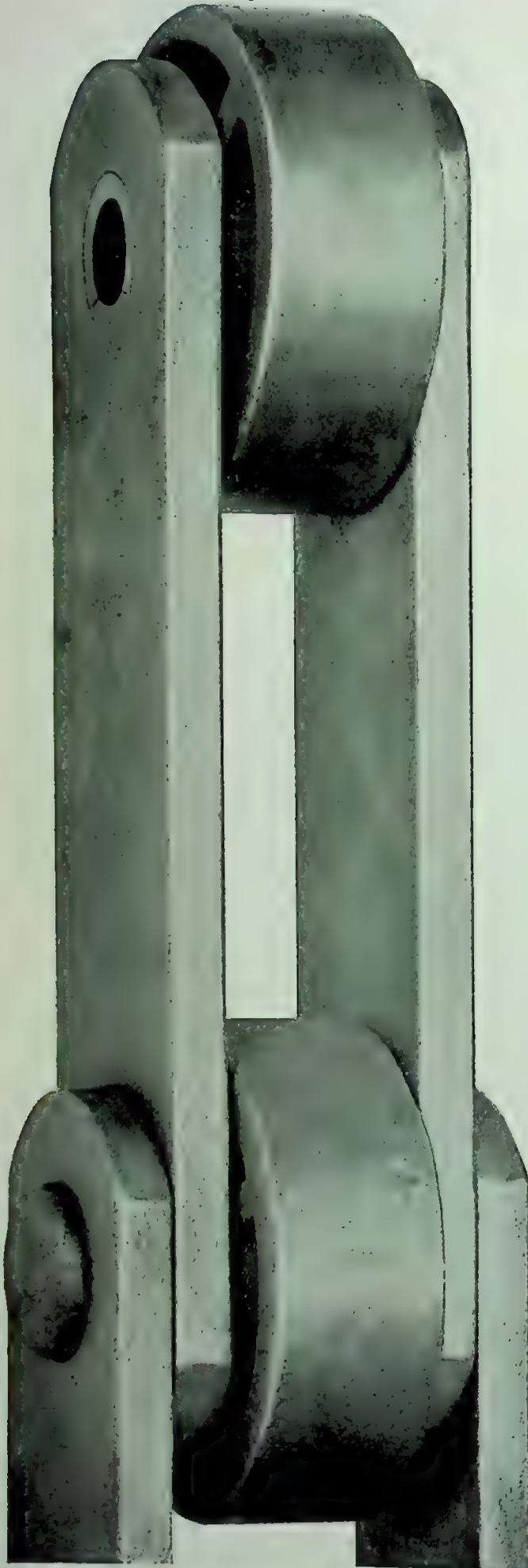
Jeffrey Steel Thimble Roller Chains

Shown approximately
actual size.

No. 234—Pitch, 3.507 Inches.
Average Ultimate Strength,
40,000 lbs. Use Sprockets
No. 1114.



Jeffrey Steel Thimble Roller Chains



Shown approximately
actual size.

No. 951—Pitch 6.00 inches. Average
Ultimate Strength, 30,700 lbs.
Use Sprockets No. 126C Malleable
Roller.

Jeffrey Steel Thimble Roller Chains

Shown approximately
actual size.

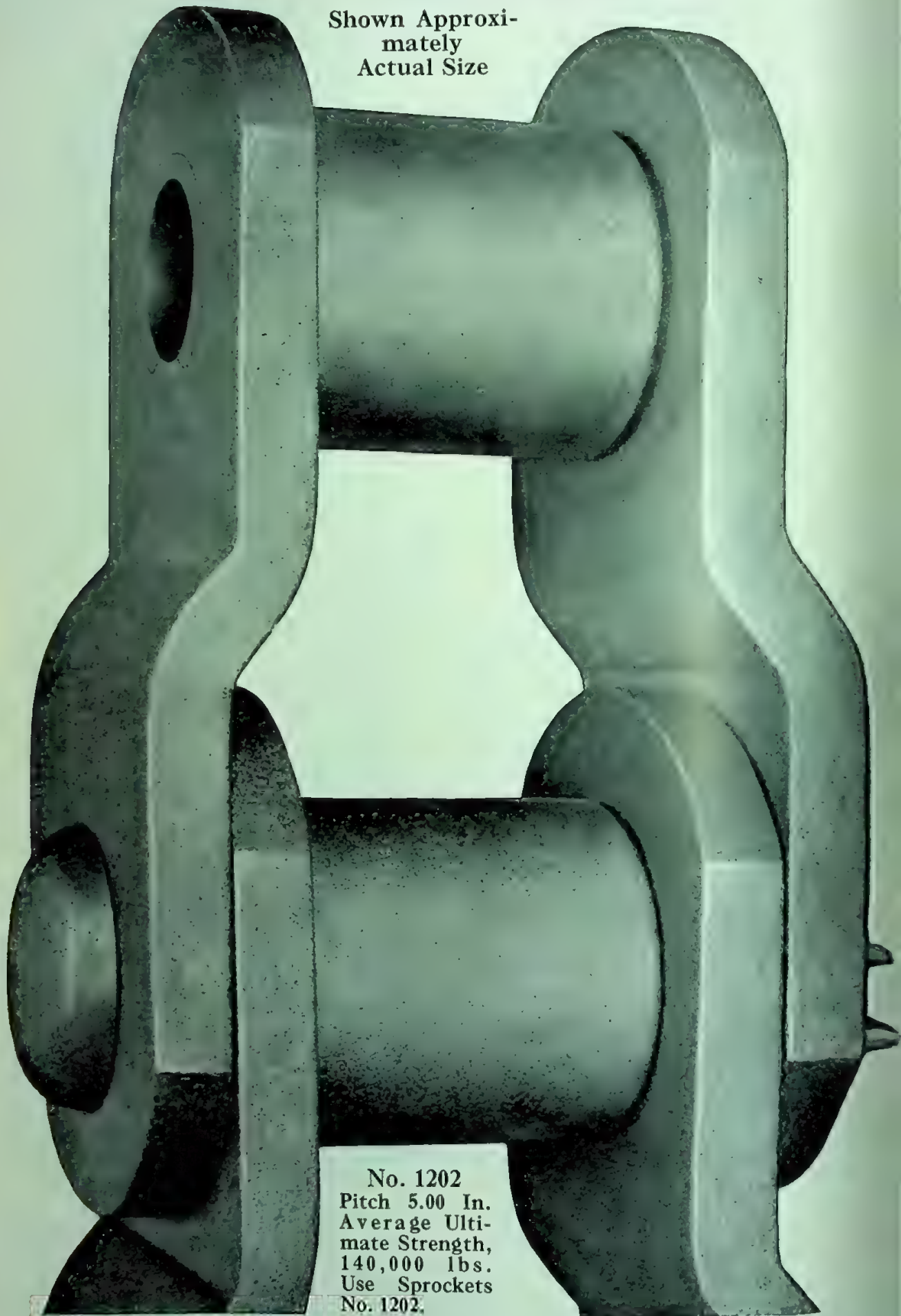
No. 1126-C—Pitch 6.00 Inches.
Average Ultimate Strength,
28,000 lbs. Use Sprockets
No. 126C M. R.

No. 1126—Is the same as No.
1126-C, except it has a $2\frac{1}{4}$ "
diam. Roller. Use Sprockets
No. 126 M. R.



Jeffrey Steel Thimble Roller Chains

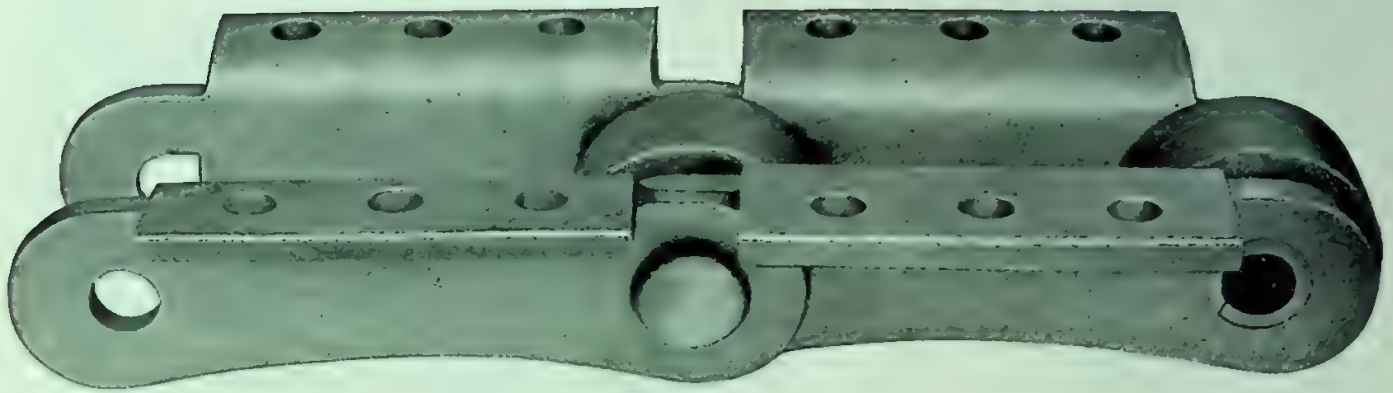
Shown Approx-
imately
Actual Size



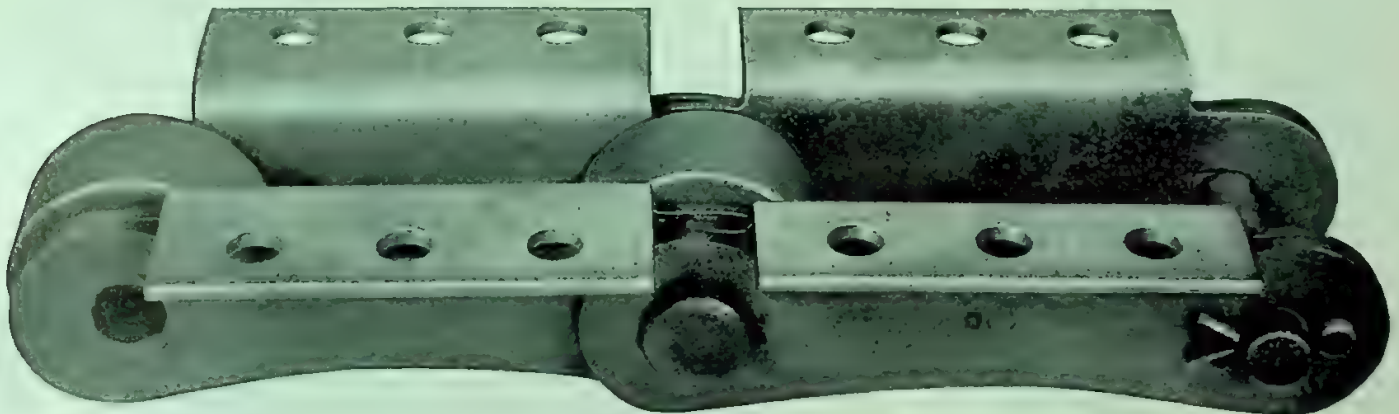
No. 1202
Pitch 5.00 In.
Average Ulti-
mate Strength,
140,000 lbs.
Use Sprockets
No. 1202.

Jeffrey Steel Thimble Roller Chains

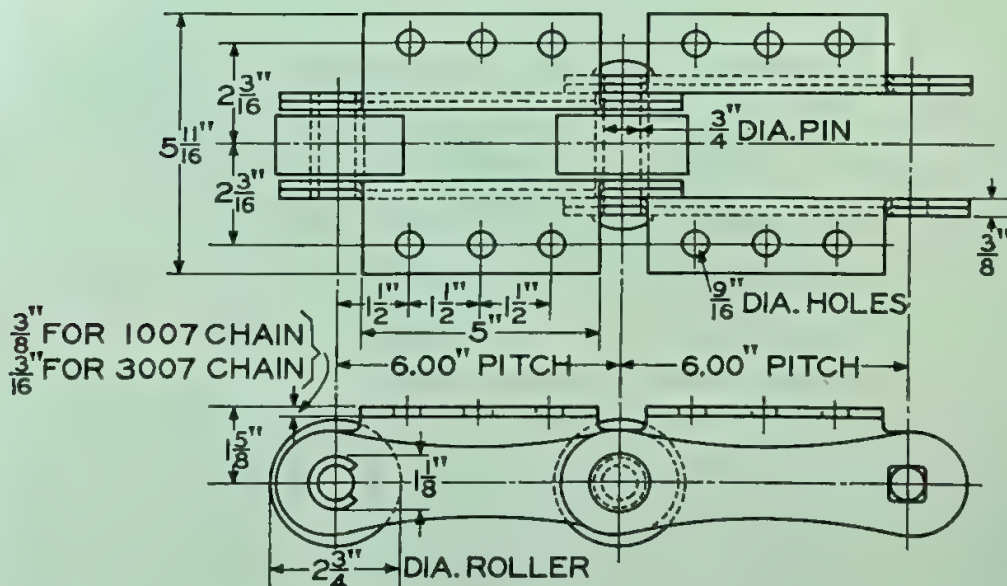
Cane Carrier



No. 1007 Single Side Bars—Pitch 6.00 Inches. Average Ultimate Strength, 43,000 lbs.
Use Sprockets No. 1007. List Price per foot all K-2 Attachments as shown, \$4.60.
Weight per foot, 15 lbs.



No. 3007 Double Side Bars—Pitch 6.00 Inches. Average Ultimate Strength, 76,300 lbs.
Use Sprockets No. 1007. List Price per foot all K-2 Attachments as shown, \$5.60.
Weight per foot, 14 lbs.

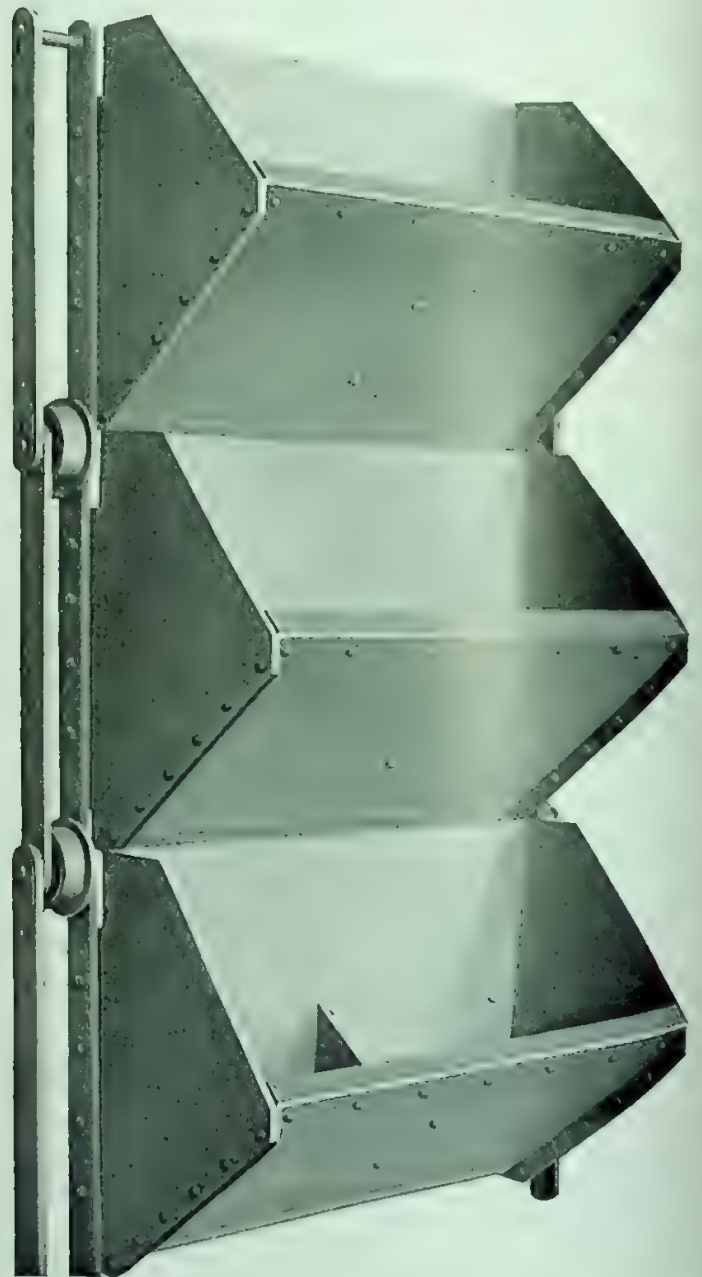


Dimension drawing of No.1007and3007Chains. The No. 1007 Chain has side bars and attachments formed from steel $\frac{3}{8}$ " thick, while the 3007 Chain has laminated or double side bars of $\frac{3}{16}$ " steel. The inside bar only is formed into the attachment. This chain is made from high carbon, high tensile strength steel.

Jeffrey Steel Thimble Roller Chains

For Heavy Service such as Large Elevators

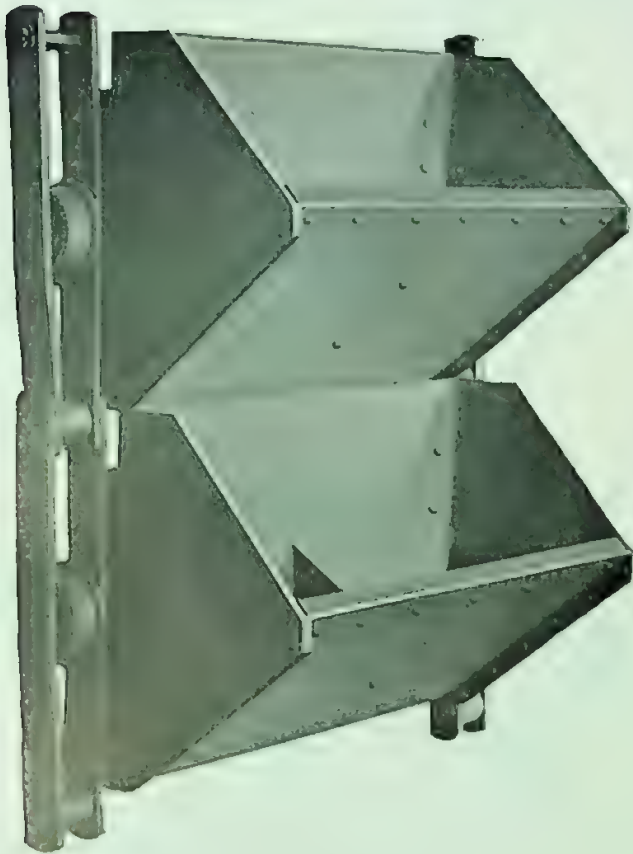
Long Pitch Chains of the Steel Thimble Roller Type, ruggedly constructed for heavy elevator and conveyor service.



The illustration above shows two strands of long pitch steel thimble roller chain, upon which are mounted large continuous buckets for heavy stone elevator service.

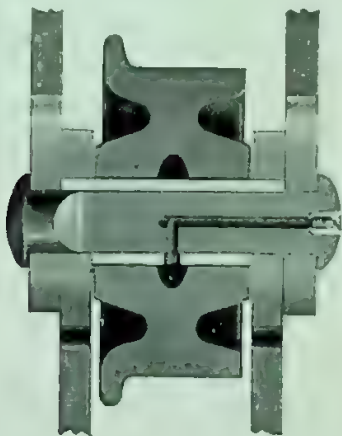
Jeffrey Steel Thimble Roller Chains

For Heavy Service Such as Large Elevators

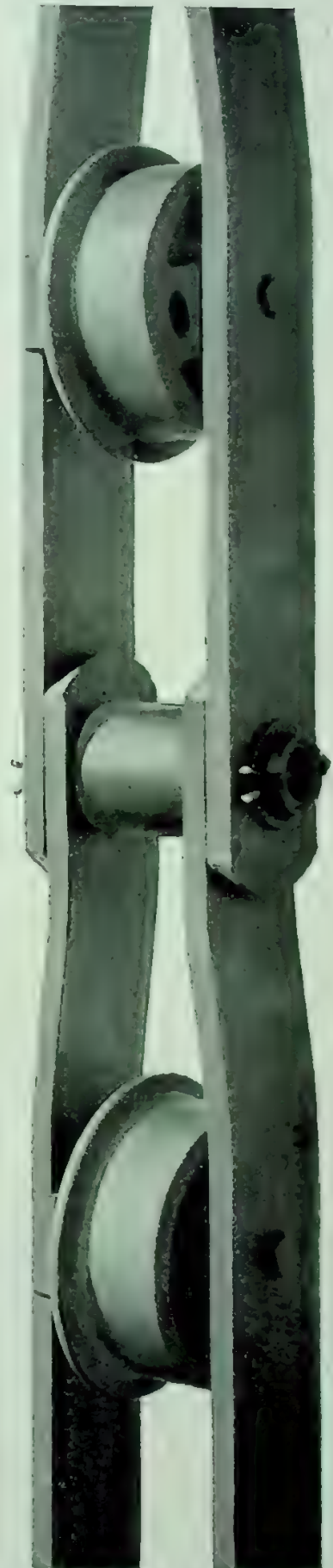


Long Pitch Chains of the Steel Knuckle Type with intermediate carrying rollers.

THIS type of chain is also used for heavy duty elevator and conveyor service. In the illustration above the buckets are shown mounted on angle attachments. Often, however, the buckets are hung from through rods extending between the two strands of chain.



Any of the Long Pitch Steel Thimble Roller or Knuckle Chains can be lubricated through their pins by means of the high pressure lubricating system as shown by cross-section above. Prices on application.

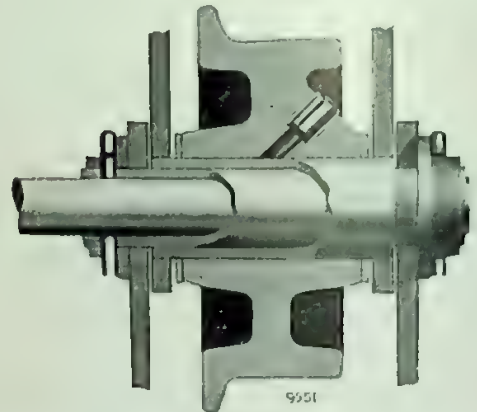


Jeffrey Steel Thimble Roller Chains

For Heavy Conveyor Service Such as
Pivoted Bucket Carriers



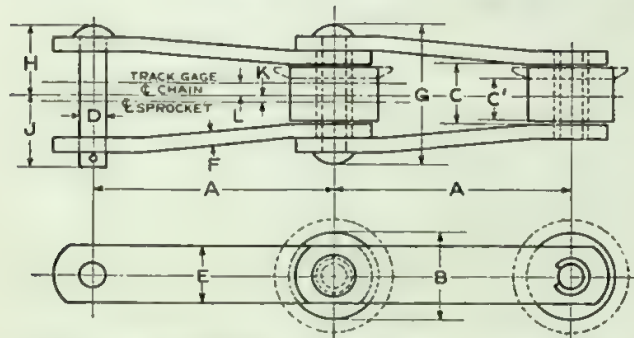
Section of Pivoted Bucket Carrier, for which this type of Chain was especially designed.



Cross-section showing construction and lubrication.

THESE chains are double-bushed, thus taking all the wear from through rod or chain pin. This adds greatly to its life. After long service the bushings may be replaced and practically a new chain obtained at very little cost.

Jeffrey Steel Thimble Roller Chains



List Price and Dimensions of Steel Thimble Roller Chains with Offset Side Bars

(Arranged According to Pitch)

Chain No.	List Price Per Foot	A Pitch In.	Average Weight Per ft. lbs.	Working Strength in lbs. at 150 ft. Per Min.	Max. Speed ft. per Min.	Average Ultimate Strength lbs.	Works on Sprocket Number	B Dia. of Roller In.	C Width Inside In.	CI	D Dia. of Pin In.	Side Bar		G Over-all Riveted Chain In.	Overall Coupled Chain		L In.
												E Width In.	F Thick-ness In.		H In.	J In.	
†152	\$2.00	1.84	3.00	560	800	10500	152	1/8 S	3/4	---	3/4	3/4	3/4	1 1/4	1	1 1/4	---
1094	1.60	2.30	2.75	1400	700	10000	77 Det.	3/8 S	1	---	3/4	1	3/4	1 1/4	1 1/4	1 3/4	---
17	2.10	2.56	4.55	2100	700	16500	17	1 1/8 S	1 1/4	---	1 1/4	1 1/4	3/4	2 1/4	1 11/16	1 15/16	---
SS520	2.10	2.56	4.60	2100	700	16500	17	1 1/8 S	1 1/4	---	1 1/4	1 1/4	3/4	2 1/4	1 11/16	1 15/16	---
433 1/2	2.00	2.62	3.40	1900	700	13000	88 Det.	3/8 S	1 1/4	---	1 1/4	1 1/4	3/4	2 1/4	1 3/4	1 3/4	---
27	2.80	2.98	6.90	2900	600	22000	27	1 3/8 S	1 3/4	---	1 3/4	1 3/4	3/4	3 1/4	1 1/2	1 1/2	---
27 Sp.	3.00	2.98	6.90	2900	600	22000	1 M. R.	1 1/8 S	1 1/4	---	1 1/4	1 1/4	3/4	3 1/4	1 1/2	1 1/2	---
120	2.60	3.07	7.10	3100	600	22000	103 Det.	1 1/8 S	1 1/4	---	1 1/4	1 1/4	3/4	3 1/4	1 1/2	1 1/2	---
SS40	2.60	3.075	7.00	3900	650	28000	103 Det.	1 1/8 S	1 1/4	---	1 1/4	1 1/4	3/4	3 1/4	1 1/2	1 1/2	---
301	3.10	3.25	10.19	3900	600	30000	114 Det.	1 3/8 S	1 3/4	---	1 3/4	1 3/4	3/4	3 3/4	1 1/2	1 1/2	---
1114	3.10	3.507	11.30	3700	500	28000	1114	1 3/8 S	1 3/4	---	1 3/4	1 3/4	3/4	3 3/4	1 1/2	1 1/2	---
234	4.60	3.507	15.90	5200	400	40000	1114	1 3/8 S	1 3/4	---	1 3/4	2	3/4	3 3/4	1 1/2	2 1/4	---
1234	4.60	3.507	15.90	7800	400	60000	1114	1 3/8 S	1 3/4	---	1 3/4	2	3/4	3 3/4	1 1/2	2 1/4	---
435	7.25	4.00	20.00	7300	300	60000	435	2 1/8 S	2 1/4	---	2 1/4	2 1/4	3/4	4 1/4	2 1/2	2 1/2	---
112	4.30	4.04	15.70	5600	400	40000	112	1 3/8 S	1 3/4	---	1 3/4	2	3/4	4 1/4	2 1/2	2 1/2	---
SS124	4.60	4.063	17.35	7200	450	58000	124 Det.	1 3/8 S	1 3/4	---	1 3/4	2 1/4	3/4	4 1/4	2 1/2	2 1/2	---
1202	12.00	5.00	25.00	15600	200	140000	1202	2 1/8 S	2 1/4	---	1 3/4	3 1/4	3/4	---	3 1/4	3 1/4	---
575	5.80	5.06	25.20	7300	300	60000	575	2 1/8 S	1 3/4	---	1 3/4	2 1/4	3/4	4 1/4	2 1/2	2 1/2	---
1126	2.30	6.00	8.70	3700	400	28000	126 M. R.	2 1/8 S	1 3/4	---	1 3/4	1 1/4	3/4	3 1/4	1 1/2	1 1/2	---
1126C	2.50	6.00	9.40	3700	400	28000	126C-MR	3C	1 3/4	---	1 3/4	1 1/4	3/4	3 1/4	1 1/2	1 1/2	---
116	3.30	6.00	13.00	5700	400	40000	116	1 3/8 S	1 3/4	---	1 3/4	2	3/4	4 1/4	2 1/2	2 1/2	---
116 1/2	3.30	6.00	16.25	5700	400	40000	126C-MR	3C	1 3/4	---	1 3/4	2	3/4	4 1/4	2 1/2	2 1/2	---
117	11.50	6.00	32.70	13300	300	90000	117	2 1/8 S	2 1/4	---	1 3/4	3	3/4	5 1/4	2 3/4	2 1/2	---
†1086	---	24.00	38.00	25000	100	150000	1086	7 CF	3 3/4	2	1 1/4	4	3/4	---	3 5/8	3 5/8	---
†1076	---	30.00	30.00	25000	100	150000	1076	7 CF	3 3/4	2	1 1/4	4	3/4	---	3 5/8	3 5/8	---
†1076 1/2	---	30.00	30.00	25000	100	150000	1076	7 CF	3 3/4	2	1 1/4	4	3/4	---	3 5/8	3 5/8	---

Chains in Bold Face Type are "Carried in Stock". All others are "Made on Order", and are subject to occasional delays.

†Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min. see page 121.

§Economical Speeds are Half of "Max." Speeds in Table above.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange.

Number 1076 1/2 same as No. 1076 except thru rod is omitted and pin used in its place.

†No. 152 Chain is made up without bushings.

†Knuckle Type Chain with intermediate rollers.

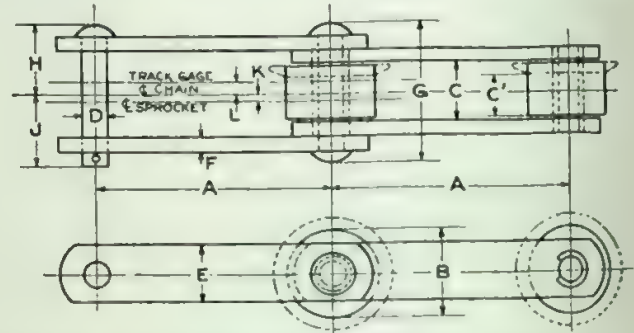
For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains



List Price and Dimensions of Steel Thimble Roller Chains with Straight Side Bars

(Arranged according to Pitch.)



Chain No.	List Price Per Foot	Pitch In.	Approx. Weight Per Ft. Lbs.	Working Strength In Lbs at 150 Ft Per Min.	Max. Speed Ft Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width In-side In.	CI	D Dia. of Pin In.	Side Bar		G Overall Rivetted Chain In.	Overall Coupled Chain			
												E Width In.	F Thick-ness In.		H In.	J In.	K In.	L In.
950	\$2.65	1.50	3.10	2100	800	14000	950	3/8 S	1 1/2		3/4	1 1/2	3/8	1 1/2	2 1/4	1 3/4		
1192	2.00	1.50	3.30	1400	700	10000	52 Det.	HS	1 1/2		3/4	1	3/8	1 1/2	2 1/4	1 3/4		
963	2.00	1.63	3.25	1400	800	13000	963	3/8 S	1 1/2		3/4	1 1/2	3/8	1 1/2	2 1/4	1 3/4		
1193	1.85	1.65	3.00	1400	700	10000	62 Det.	HS	1 1/2		3/4	1	3/8	1 1/2	2 1/4	1 3/4		
946	2.50	2.00	4.25	1900	700	13000	946	3/8 S	1 1/2		3/4	1 1/2	3/8	2 1/4	1 1/2	1 1/2		
149	3.40	4.00	12.38	3700	500	30700	149	2 1/4 S	1 1/2		3/4	1 1/2	3/8	3 1/2	1 1/2	1 1/2		
951	2.60	6.00	9.25	3750	450	30700	126C-M.R.	3 C	1 1/2		3/4	2	3/8	3 1/2	1 1/2	1 1/2		
†1007	3.00	6.00	13.50	5200	400	50000	1007	2 3/4 C	1 1/2		3/4	2 1/2	3/8	3 1/2	1 1/2	1 1/2		
†3007		6.00	13.50	9250	400	76300	1007	2 3/4 C	1 1/2		3/4	2 1/2	3/8	3 1/2	1 1/2	1 1/2		
911	2.20	9.00	7.70	3900	350	23400	911	3 C	1 1/2		3/4	2	3/8	3 1/2	1 1/2	1 1/2		
809	3.00	9.00	13.00	4500	350	44000	809	3 1/2 C.F.	2 1/2	1 1/2	3/4	2 1/2	3/8	3 1/2	1 1/2	1 1/2	3/4	3/4
1085	3.40	9.00	14.50	5200	300	47000	1085	4 C.F.	2 1/2	1 1/2	3/4	2 1/2	3/8	3 1/2	1 1/2	2 1/2	3/4	3/4
982	3.60	9.00	16.00	8000	315	60000	809	3 1/2 C.F.	2 1/2	1 1/2	3/4	2 1/2	3/8	4 1/2	2 1/2	2 1/2	3/4	3/4
1199	3.55	9.00	16.00	8000	315	60000	809	3 1/2 C	2 1/2		3/4	2 1/2	3/8	4 1/2	2 1/2	2 1/2		
276	2.80	12.00	12.20	5200	300	47000	180	4C.F.	2 1/2	1 1/2	3/4	2 1/2	3/8	3 1/2	1 1/2	2 1/2	3/4	3/4
1107	2.70	12.00	11.92	5200	300	47000	180	4C	2 1/2		3/4	2 1/2	3/8	4 1/2	1 1/2	2 1/2		
1120	2.40	12.00	11.25	5200	300	47000	1120	3C	2 1/2		3/4	2 1/2	3/8	3 1/2	1 1/2	2 1/2		
180	3.25	12.00	14.20	6500	200	60000	180	4C.F.	2 1/2	1 1/2	3/4	2 1/2	3/8	4 1/2	2 1/2	2 1/2	1 1/2	3/4
1095	3.10	12.00	14.00	6500	200	60000	180	4C	2 1/2		3/4	2 1/2	3/8	4 1/2	2 1/2	2 1/2		
1160	2.80	12.00	14.00	6500	200	60000	1160	3C	2 1/2		3/4	2 1/2	3/8	4 1/2	2 1/2	2 1/2		
1078	4.00	12.00	16.75	9700	200	78500	180	4C.F.	2 1/2	1 1/2	1	2 1/2	3/8	5 1/2	2 1/2	2 1/2	3/4	3/4
1087	4.60	12.00	23.65	9700	200	78500	1087	5C.F.	2 1/2	1 1/2	1	2 1/2	3/8	5 1/2	2 1/2	2 1/2	3/4	3/4

For longer Pitch Chains, see following page.

Chains in Bold Face Type are "Carried in Stock". All others are "Made on Order", and are subject to occasional delays.

†Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min, see page 121.

†Plain Chain without Attachments.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange

†Economical Speeds are not over half of Max. speeds.

No. 1085 same as 276 except pitch.

No. 1087 same as 182 1/2 except pitch

No. 1095 same as No. 180 except Straight Face Roller is used.

No. 1107 same as No. 276 except Straight Face Roller.

No. 1120 same as 276 except 3 inch Straight Face Roller is used.

No. 1124 is similar to SS-124.

No. 1144 same as 182 1/2 except 3 1/2 inch Straight Face Roller.

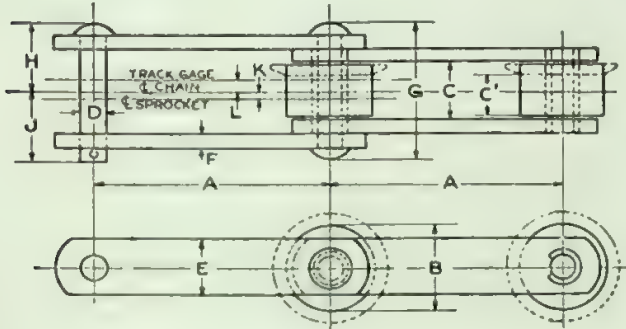
No. 1160 same as 180 except 3 inch Straight Face Roller.

No. 1195 same as 951 except Pitch.

No. 1199 same as 982 except Straight Face Roller.

For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains



List Price and Dimensions
of Long Pitch
Steel Thimble Roller Chains
with
Straight Side Bars
(Arranged According to Pitch)

Chain No.	List Price Per Foot	Pitch In.	Average Weight Per Ft. Lbs.	Working Strength In Lbs at 150 Ft Per Min.	Max. Speed Ft Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width In-side In.	C1	D Dia. of Pin In.	Side Bar		G Overall Rivet-ed Chain In.	Overall Coupled Chain			
												E Width In.	F Thick-ness In.		H In.	J In.	K In.	L In.
182	\$2.90	18.00	16.70	6500	200	60000	182	5C.F.	2 1/2	1 1/2	3/4	2 1/2	3/4	4 1/2	2 1/2	2 1/2	1/2	1/2
1018	4.50	18.00		8750		Superseded By No. 1168 Chain												
1168	4.25	18.00	18.30	8750	165	42000	1018	5C.F.	2 1/2	1 1/2	3/4	2 1/2	3/4		2 1/2	2 1/2	1/2	1/2
182 1/2	3.50	18.00	18.60	9700	150	78500	182	5C.F.	2 1/2	1 1/2	1	2 1/2	3/4	5 1/2	2 1/2	2 1/2	1/2	1/2
1105	3.40	18.00	19.20	9700	150	78500	182	5C	2 1/2		1	2 1/2	3/4	5 1/2	2 1/2	2 1/2		
1144	2.85	18.00	15.00	9700	150	78500	1144	3 1/2 C	2 1/2		1	2 1/2	3/4	5 1/2	2 1/2	2 1/2		
1092	5.60	18.00	31.00	15600	100	140000	1092	6C.F.	2 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1187	5.40	18.00	28.50	15600	100	93600	1092	6C.F.	2 1/2	1 1/2	1 1/4	3	3/4		3 1/2	3 1/2	1/2	1/2
1197	7.20	18.00	34.50	20000	100	105000	1092	6C.F.	3 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1149		24.00	16.70	9700	150	78500	1149	3C	2 1/2		1	2 1/2	3/4	5 1/2	2 1/2	2 1/2		
1183	2.90	24.00	16.10	9700	150	78500	1183	5C.F.	2 1/2	1 1/2	1	2 1/2	3/4	5 1/2	2 1/2	2 1/2	1/2	1/2
987		24.00		12000		Superseded By No. 1169 Chain												
1169	4.10	24.00	19.00	12000	100	63000	987	6C.F.	3 1/2	1 1/2	1	3	3/4		3 1/2	3 1/2	1/2	1/2
1198		24.00	19.00	12000	100	63000	987	6C.F.	3 1/2	1 1/2	1	3	3/4		3 1/2	3 1/2	1/2	1/2
1074		24.00		15000		Superseded By No. 1170 Chain												
1170		24.00	22.00	15000	100	78000	987	6C.F.	3 1/2	1 1/2	1	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1093	4.60	24.00	27.00	15600	100	140000	987	6C.F.	2 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1184		24.00	24.50	15600	100	93600	987	6C.F.	2 1/2	1 1/2	1 1/4	3	3/4		3 1/2	3 1/2	1/2	1/2
1208	4.20	24.00	22.00	15600	100	140000	1208	4C	2 1/2		1 1/4	3 1/2	3/4		3 1/2	3 1/2		
1164		24.00	29.50	20000	100	105000	987	6C.F.	3 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1072		30.00		15000		Superseded By No. 1175 Chain												
1150		30.00	20.00	15000	100	78000	1072	7 S.F.	3 1/2	1 1/2	1	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1175		30.00	20.00	15000	100	78000	1072	7C.F.	3 1/2	1 1/2	1	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1178		30.00	21.00	15600	100	140000	1178	6C.F.	2 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2
1185		30.00	22.50	15600	100	93600	1178	6C.F.	2 1/2	1 1/2	1 1/4	3	3/4		3 1/2	3 1/2	1/2	1/2
1186		30.00	27.00	20000	100	105000	1178	6C.F.	3 1/2	1 1/2	1 1/4	3 1/2	3/4		3 1/2	3 1/2	1/2	1/2

Chains in Bold Face Type are "Carried in Stock." All others are "Made on Order," and are subject to occasional delays.

†Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min., see page 121.

Roller Dimensions: "S" is Steel Roller without Flange; "C" is Cast Iron Roller without flange; "CF" is Cast Iron Roller with flange; "SF" is Steel Roller with flange.

§Economical Speeds are not over half of Max. speed.

No. 1105 same as 182 1/2 except with Straight Face Roller.

No. 1144 same as 182 1/2 except 3 1/2 inch Straight Face Roller.

No. 1149 same as 182 1/2 except pitch and 3 inch Straight Face Roller

No. 1150 same as 1072 except with Drop Forged Roller.

No. 1178 same as 1093 except Pitch.

No. 1183 same as 182 1/2 except Pitch.

No. 1185 same as 1184 except Pitch.

No. 1186 same as 1164 except Pitch.

No. 1197 same as 1164 except Pitch.

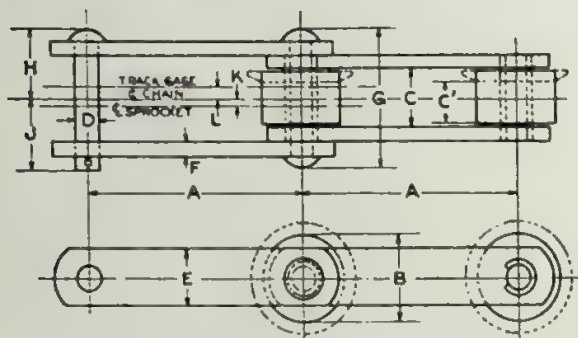
No. 1198 same as 1169 except with Cast Steel Roller.

No. 1208 same as 1093 except Roller.

For List of Sprockets, see pages 141 to 144 for Cast Iron and 157-158 for Cast Steel.

Jeffrey Steel Thimble Roller Chains

Manufacturers' Standard Sizes



THE Manufacturers' Standard Steel Thimble Roller Chains shown on this page have been adopted because of their interchangeability with those of other makes. These will gradually take the place of certain sizes of the Engineering Chains listed on pages 96 and 97.

List Price and Dimensions (arranged according to diameter of pin)

Chain No.	List Price Per Foot	A Pitch In.	Approx. Weight Per Ft. Lbs.	Working Strength in Lbs. at 150 Ft Per Min.	Max. Speed Ft. Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Dia. of Roller In.	C Width Inside In.	D Dia. of Pin In.	Side Bar		G Overall Riveted Chain In.	Overall Coupled Chain			
											E Width In.	F Thickness In.		H In.	J In.	K In.	L In.
911	\$2.20	9.00	7.7	3900	350	23400	911	3C	1 1/4	3/4	2	3/8	3 1/4	1 1/4	1 1/4		
1211	2.00	12.00	9.8	3900	200	23400	1211	3C	1 1/4	3/4	2	3/8	3 1/4	1 1/4	1 1/4		
922	3.00	9.00	8.5	5625	300	33750	922	3 1/2 CF	2	1 1/4	3/4	2	4 1/4	2 1/4	2 1/4	3/4	3/4
1222	2.50	12.00	10.5	5625	200	33750	1222	3 1/2 CF	2	1 1/4	3/4	2	4 1/4	2 1/4	2 1/4	3/4	3/4
1822	2.00	18.00	14.0	5625	150	33750	1822	3 1/2 CF	2	1 1/4	3/4	2	4 1/4	2 1/4	2 1/4	3/4	3/4
933	4.00	9.00	16.8	6550	300	39300	933	4CF	2 1/4	1 1/4	3/4	2 1/2	4 1/4	2 1/4	2 1/4	3/4	3/4
1233	3.20	12.00	14.0	6550	200	39300	180	4CF	2 1/4	1 1/4	3/4	2 1/2	4 1/4	2 1/4	2 1/4	3/4	3/4
1833	2.50	18.00	16.0	6550	150	39300	1833	4CF	2 1/4	1 1/4	3/4	2 1/2	4 1/4	2 1/4	2 1/4	3/4	3/4
1244	5.00	12.00	23.0	10000	200	60000	1087	*5CF	2 1/2	1 1/4	1	2 1/2	5 1/4	2 1/4	2 1/4	3/4	3/4
1844	3.80	18.00	18.6	10000	150	60000	182	*5CF	2 1/2	1 1/4	1	2 1/2	5 1/4	2 1/4	2 1/4	3/4	3/4
2444	3.00	24.00	16.0	10000	100	60000	2444	*5CF	2 1/2	1 1/4	1	2 1/2	5 1/4	2 1/4	2 1/4	3/4	3/4
1855	5.50	18.00	28.0	15600	150	93600	1092	*6CF	2 3/4	1 1/4	1 1/4	3	†	3 1/4	3 1/4	3/4	3/4
2455	4.40	24.00	24.0	15600	100	93600	987	*6CF	2 3/4	1 1/4	1 1/4	3	†	3 1/4	3 1/4	3/4	3/4
1866	6.50	18.00	33.5	18750	150	112500	1092	*6CF	3	1 1/4	1 1/4	3 1/2	†	3 1/4	3 1/4	3/4	3/4
2466	5.30	24.00	26.5	18750	100	112500	987	*6CF	3	1 1/4	1 1/4	3 1/2	†	3 1/4	3 1/4	3/4	3/4

† Working Strengths in Table are increased or decreased for speeds other than 150 ft. per min., see page 121.

Roller Dimensions: "C" is Cast Iron Roller without flange; "CF" is Cast Iron Rollers with flange.

‡ Economical Speeds are not over half of Max. Speed.

* Self Oiling Rollers.

† Assembled with Coupling Pins and Malleable Washers.

Jeffrey Steel Thimble Roller Chains

List Price and Weights of Attachments

Chain Number and Attachment	List Price Each, Loose	List Price per foot assembled in chain every link	Average Weight per foot Pounds	Chain Number and Attachment	List Price Each, Loose	List Price per foot assembled in chain every link	Average Weight per foot Pounds
No. 116				No. 982			
A-53 Malleable.....	\$0.70	\$5.30	16.40	D-11½.....		\$4.30	17.75
A-53 with 23C Flight Wing..			19.05	K-2½ One side.....		4.40	18.50
G-9.....	.70	5.30	17.10	K-2½ Both sides.....		5.20	20.00
No. 116½				No. 1007			
A-53 Malleable.....	.70	5.30	19.65	A-42.....	\$0.45	4.30	15.00
A-53 with 23C Flight Wing..			22.30	A-42 with 23C Flight Wing..			17.60
G-9.....	.70	5.30	20.35	K-2 One side.....		3.90	14.25
No. 149				K-2 Both sides.....		4.60	15.00
K-1 One side.....		4.30	13.66	No. 1076½			
K-1 Both sides.....		5.10	14.94	D-21½.....			34.00
No. 180				No. 1095			
D-11.....		3.90	16.20	K-2½ One side.....		3.85	17.30
D-11½.....		3.90	16.20	K-2½ Both sides.....		4.60	20.60
K-2½ One side.....		4.00	15.80	No. 1105			
K-2½ Both sides.....		4.75	17.40	K-2½ One side.....		4.30	24.80
No. 182				K-2½ Both sides.....		5.20	30.40
D-11.....		3.60	19.20	No. 1126			
D-11½.....		3.60	18.95	A-42.....	.40	3.50	10.30
K-2½ One side.....		3.80	22.30	A-42 with 23C Flight Wing..			12.95
K-2½ Both sides.....		4.70	27.90	A-42 with 25A Bucket Wing			13.20
No. 182½				A-53.....	.65	4.00	11.20
D-11.....		4.20	21.10	A-53 with 23C Flight Wing..			15.25
D-11½.....		4.20	20.85	G-9.....	.55	3.80	11.15
D-21½.....		4.30	21.40	No. 1126C			
K-2½ One side.....		4.40	23.80	A-42.....	.40	3.70	11.00
K-2½ Both sides.....		5.30	29.40	A-42 with 23C Flight Wing..			13.65
No. 276				A-42 with 25A Bucket Wing			13.90
D-11.....		3.45	14.65	A-53.....	.65	4.20	11.90
D-11½.....		3.45	13.80	A-53 with 23C Flight Wing..			14.55
K-2½ One side.....		3.55	15.50	G-9.....	.55	4.00	11.85
K-2½ Both sides.....		4.30	18.80	No. 1164			
No. 809				D-21½.....			31.50
D-11½.....		3.70	14.75	No. 1183			
K-2½ One side.....		3.80	15.50	D-21½.....		3.60	18.10
K-2½ Both sides.....		4.60	18.00	No. 1184			
No. 911				D-21½.....			26.50
D-2½.....		2.90	9.75	No. 1185			
K-2½ One side.....		3.00	10.20	D-21½.....			26.00
K-2½ Both sides.....		3.80	12.40	No. 1186			
No. 951				D-21½.....			30.50
D-2½.....		3.50	10.65	No. 1187			
K-2½ One side.....		3.60	11.00	D-21½.....		6.30	27.80
K-2½ Both sides.....		4.60	12.75				
VE-1.....	1.40	4.90	16.00				

Bold Face Type Indicates Carried in Stock Sizes.

For List Price of Wing Attachments, see page 120.

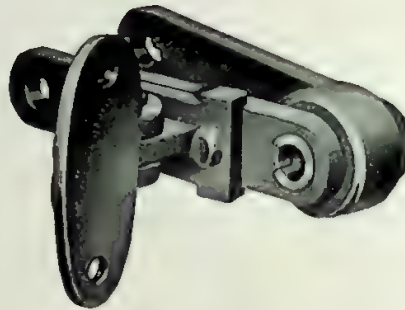
Jeffrey Steel Thimble Roller Chains



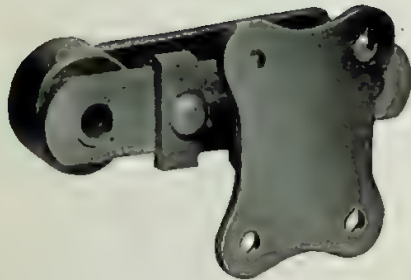
A-42
(Malleable)



A-53
(Malleable)



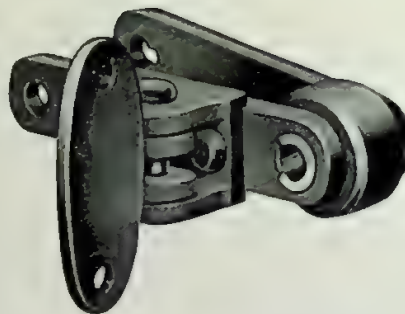
A-42 With C Flight Wing
(Malleable)



A-42 With A Bucket Wing
(Malleable)



VE-1
(Steel)



A-53 (With C Flight Wing)
(Malleable)



K-2½



D-2½ and D-11
For Double Beaded Aprons



D-11½
For Perfect Discharge Aprons
D-21½
For Continuous Bucket Elevators



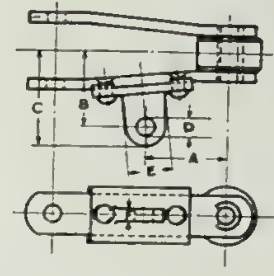
G-9
(Malleable)

Jeffrey Steel Thimble Roller Chains

Dimensions of Attachments

A-42 Attachment (Malleable)

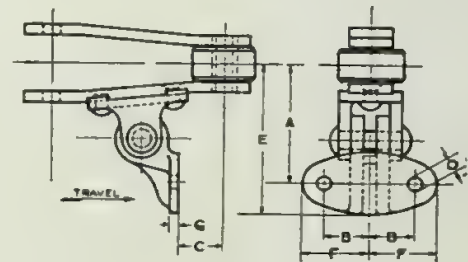
Chain No.	A	B	C	D Diam. of Bolt or Rivet	E	F
1007	3	2 $\frac{27}{32}$	3 $\frac{5}{8}$	$\frac{5}{8}$	1 $\frac{9}{16}$	$\frac{7}{16}$
1126	2 $\frac{13}{16}$	2 $\frac{11}{16}$	3 $\frac{3}{8}$	$\frac{5}{8}$	1 $\frac{1}{2}$	$\frac{7}{16}$
1126C	2 $\frac{13}{16}$	2 $\frac{11}{16}$	3 $\frac{3}{8}$	$\frac{5}{8}$	1 $\frac{1}{2}$	$\frac{7}{16}$
3007	3	2 $\frac{27}{32}$	3 $\frac{5}{8}$	$\frac{5}{8}$	1 $\frac{9}{16}$	$\frac{7}{16}$



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable) With C Flight Wing

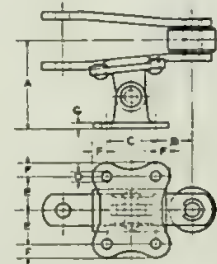
Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
1007	A-42 & 23-C	4 $\frac{11}{32}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	$\frac{3}{8}$	5 $\frac{11}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$
1126	A-42 & 23-C	4 $\frac{1}{16}$	1 $\frac{3}{4}$	1 $\frac{9}{16}$	$\frac{3}{8}$	5 $\frac{3}{16}$	2 $\frac{5}{16}$	$\frac{1}{4}$
1126C	A-42 & 23-C	4 $\frac{3}{16}$	1 $\frac{3}{4}$	1 $\frac{9}{16}$	$\frac{3}{8}$	5 $\frac{3}{16}$	2 $\frac{5}{16}$	$\frac{1}{4}$
3007	A-42 & 23-C	4 $\frac{11}{32}$	1 $\frac{3}{4}$	1 $\frac{3}{4}$	$\frac{3}{8}$	5 $\frac{11}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable) With A Bucket Wing

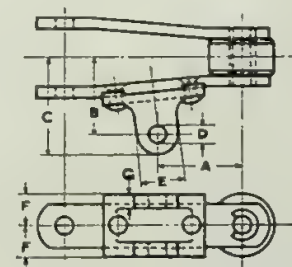
Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
1126	A-42 & 25-A	3 $\frac{11}{16}$	1 $\frac{11}{16}$	2 $\frac{1}{4}$	$\frac{5}{8}$	1 $\frac{13}{32}$	$\frac{31}{32}$	$\frac{1}{4}$
1126C	A-42 & 25-A	3 $\frac{11}{16}$	1 $\frac{11}{16}$	2 $\frac{1}{4}$	$\frac{5}{8}$	1 $\frac{13}{32}$	$\frac{31}{32}$	$\frac{1}{4}$



Has Round-Straight Holes for Bolts.

A-53 Attachment (Malleable)

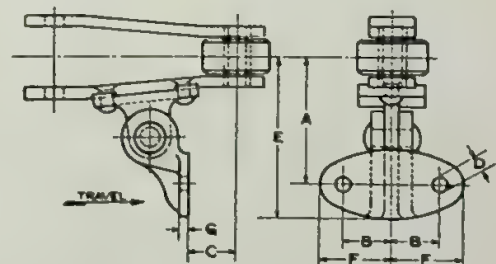
Chain No.	A	B	C	D Diam. of Bolt or Rivet	E	F	G
116	3 $\frac{1}{4}$	2 $\frac{21}{32}$	3 $\frac{17}{32}$	$\frac{5}{8}$	2	1 $\frac{9}{32}$	$\frac{7}{16}$
116 $\frac{1}{2}$	3 $\frac{1}{4}$	2 $\frac{21}{32}$	3 $\frac{17}{32}$	$\frac{5}{8}$	2	1 $\frac{9}{32}$	$\frac{7}{16}$
1126	2 $\frac{31}{32}$	2 $\frac{7}{16}$	3 $\frac{1}{4}$	$\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{3}{16}$	$\frac{7}{16}$
1126C	2 $\frac{31}{32}$	2 $\frac{7}{16}$	3 $\frac{1}{4}$	$\frac{5}{8}$	1 $\frac{3}{4}$	1 $\frac{3}{16}$	$\frac{7}{16}$



Has Round-Straight Holes for Bolts.

A-53 Attachment (Malleable) With C Flight Wing

Chain No.	Attachment Used	A	B	C	D Diam. of Bolts	E	F	G
116	A-53 & 23-C	4 $\frac{5}{32}$	1 $\frac{3}{4}$	2	$\frac{3}{8}$	5 $\frac{5}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$
116 $\frac{1}{2}$	A-53 & 23-C	4 $\frac{5}{32}$	1 $\frac{3}{4}$	2	$\frac{3}{8}$	5 $\frac{5}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$
1126	A-53 & 23-C	3 $\frac{15}{16}$	1 $\frac{3}{4}$	1 $\frac{15}{32}$	$\frac{3}{8}$	4 $\frac{11}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$
1126C	A-53 & 23-C	3 $\frac{15}{16}$	1 $\frac{3}{4}$	1 $\frac{15}{32}$	$\frac{3}{8}$	4 $\frac{11}{32}$	2 $\frac{5}{16}$	$\frac{1}{4}$

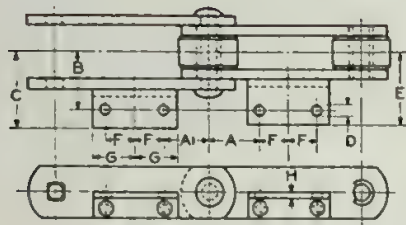


Has Round-Straight Holes for Bolts.

Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Steel Thimble Roller Chains

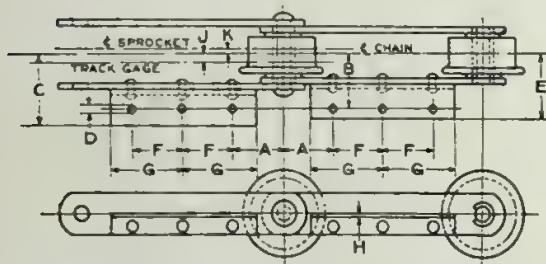
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

D-2 1/2 Attachment (Steel)

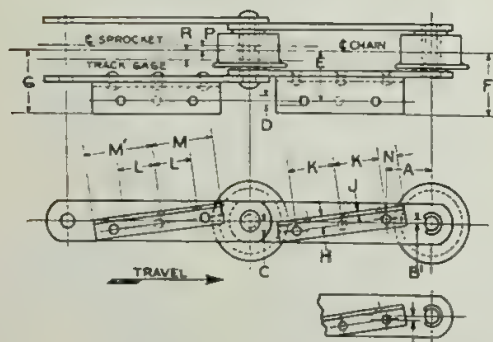
Chain No.	A	A1	B	C	D Diam. of Bolts	E	F	G	H
911	2	1 3/4	2 3/16	2 3/8	3/8	2 3/4	2 5/8	3 1/8	1/4
951	2	1 3/4	2 3/16	2 3/8	3/8	2 3/4	1 1/8	1 5/8	1/4



Has Round-Straight Holes for Bolts.

D-11 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	K
180	3	3 1/8	4	1 1/2	3 5/8	3	4 1/4	1/4	1 1/2	1 1/4
182	3 1/8	3 3/8	4 1/8	1 1/2	4	5 11/16	7 1/4	1/4	1 1/2	1 1/4
182 1/2	3 1/8	3 3/8	4 1/4	1 1/2	4 1/4	5 11/16	7 1/4	1/4	1 1/2	1 1/4
276	3	2 3/4	3 1/16	1 1/2	3 7/8	3	4 1/4	1/4	1 1/2	1 1/4



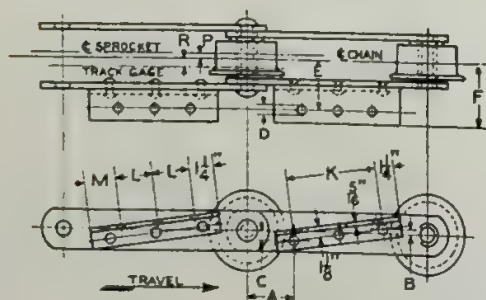
Can be furnished either right or left hand.
Right hand shown.
Has Round-Straight Holes for Bolts.

D-11 1/2 Attachment (Steel)

Chain No.	A	B	B1	C	D Diam. of Bolts	E	F
180	3	....	3 1/16	1 1/16	1 1/2	3 1/8	4 1/8
182	3 3/8	....	3 3/16	1 1/16	1 1/2	3 3/8	4 1/8
182 1/2	3 3/8	....	3 3/16	1 1/16	1 1/2	3 3/8	4 1/4
276	2 13/16	....	1 7/16	1 1/16	1 1/2	2 3/4	3 13/16
809	2 3/16	1 1/16	....	3/4	1 1/2	2 3/4	3 3/4
982	2 9/16	1 1/16	....	3/4	1 1/2	3	4

Chain No.	G	H	J	K	L	M	M1	N	P	R	No. of Holes
180	4	3/4	1 1/4	3	2 3/8	4 1/4	4 1/4	1 1/4	1 5/8	3/16	3
182	4	3/4	1 1/4	5 1/2	5 3/8	6 1/16	6 3/8	1	1 1/4	1/2	3
182 1/2	4 1/4	3/4	1 1/4	5 1/2	5 3/8	6 1/16	6 3/8	1	1 1/4	1/2	3
276	3 3/16	3/4	1 1/4	3 1/8	2 3/8	3 3/4	3 3/4	5/8	1 1/4	1/4	3
809	3 1/2	3/4	1 1/4	2	1 1/2	2 9/16	2 9/16	1 1/16	1 1/4	3/8	2†
982	3 7/8	3/4	1 1/2	1 1/2	2 1/16	2 1/16	2 1/16	1 1/16	1 1/4	1/2	2†

* Number of Holes in each leg of angle.
† Center hole omitted.



Can be furnished either right or left hand.
Right hand shown.
Has Round-Straight Holes for Bolts.

D-21 1/2 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	K	L	M	P	R	No. of Holes
182 1/2	5 7/8	1 1/16	5/8	5/8	3 3/4	4 3/4	8	4	1 1/4	1/4	1/2	3
1076 1/2	6 1/2	1 1/16	5/8	3/4	4 5/8	5 7/8	18 1/2	5 1/2	3	0	3 1/2	4
1164	6 1/16	1 1/16	9/16	3/4	4 5/8	5 3/4	12 3/4	4 1/4	1 1/4	1/4	1 1/2	4
1183	6 1/16	1 1/16	9/16	3/4	4	5 1/4	12 3/4	4 1/4	1 1/4	1/4	1 1/2	4
1184	6 1/16	1 1/16	9/16	3/4	4 3/8	5 3/8	12 3/4	4 1/4	1 1/4	1/4	1 1/2	4
1185	8 1/16	1	7/16	3/4	4 3/8	5 5/8	16 1/2	5 1/2	1 1/4	1/4	1 1/2	4
1186	8 1/16	1	7/16	3/4	4 5/8	5 7/8	16 1/2	5 1/2	1 1/4	1/4	1 1/2	4
1187	5 7/8	1 1/16	5/8	5/8	4 1/8	5 1/8	8	4	1 1/4	1/4	1 1/2	3

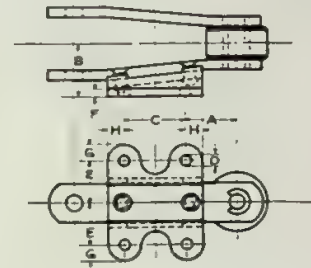
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Steel Thimble Roller Chains

Dimensions of Attachments

G-9 Attachment (Malleable)

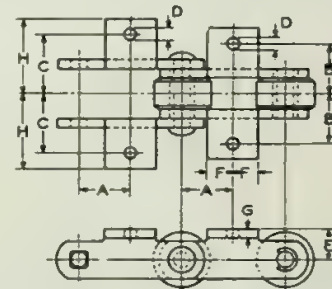
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
116	2 $\frac{1}{16}$	2 $\frac{15}{32}$	2 $\frac{1}{4}$	$\frac{1}{2}$	1 $\frac{7}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{7}{8}$
116 $\frac{1}{2}$	2 $\frac{1}{16}$	2 $\frac{15}{32}$	2 $\frac{1}{4}$	$\frac{1}{2}$	1 $\frac{7}{8}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{7}{8}$
1126	1 $\frac{7}{8}$	2	2 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{13}{32}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{5}{8}$
1126C	1 $\frac{7}{8}$	2	2 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{9}{32}$	$\frac{5}{16}$	$\frac{5}{8}$	$\frac{5}{8}$



Has Round-Straight Holes for Bolts.

K-1 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
149	2	2	2 $\frac{3}{8}$	$\frac{1}{2}$	1 $\frac{1}{4}$	1	$\frac{3}{8}$	3



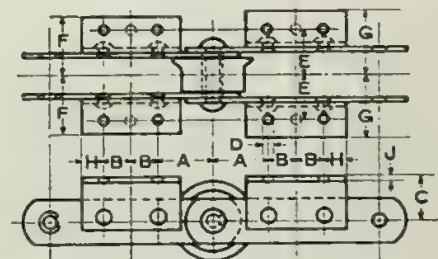
Has Round-Straight Holes for Bolts.

For Dimensions of K-2 Attachment on Nos. 1007 and 3007 Chain, see Page 91.

K-2 $\frac{1}{2}$ Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	No. of Holes
* 180	3	3	2 $\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{3}{8}$	4 $\frac{1}{8}$	4 $\frac{1}{2}$	1	$\frac{1}{4}$	4
182	3 $\frac{1}{2}$	5 $\frac{1}{2}$	3 $\frac{1}{4}$	$\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{5}{8}$	5	1 $\frac{1}{2}$	$\frac{5}{16}$	6
182 $\frac{1}{2}$	3 $\frac{1}{2}$	5 $\frac{1}{2}$	3 $\frac{1}{4}$	$\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{5}{16}$	6
* 276	3	3	2 $\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{1}{2}$	3 $\frac{23}{32}$	4 $\frac{5}{32}$	1	$\frac{1}{4}$	4
* 809	2 $\frac{3}{4}$	1 $\frac{3}{4}$	2 $\frac{1}{4}$	$\frac{1}{2}$	2 $\frac{1}{2}$	3 $\frac{1}{4}$	3 $\frac{1}{2}$	1	$\frac{1}{4}$	4
* 911	2	2 $\frac{1}{2}$	1 $\frac{5}{16}$	$\frac{3}{8}$	2 $\frac{1}{8}$	3	2 $\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	4
* 951	2	1	1 $\frac{5}{16}$	$\frac{3}{8}$	2 $\frac{3}{8}$	3	2 $\frac{7}{8}$	$\frac{3}{4}$	$\frac{1}{4}$	4
* 982	2 $\frac{3}{4}$	1 $\frac{3}{4}$	2 $\frac{1}{4}$	$\frac{1}{2}$	2 $\frac{7}{8}$	3 $\frac{5}{8}$	3 $\frac{7}{8}$	1	$\frac{1}{4}$	4
* 1095	3	3	2 $\frac{3}{4}$	$\frac{1}{2}$	3 $\frac{3}{8}$	4 $\frac{1}{8}$	4 $\frac{1}{2}$	1	$\frac{1}{4}$	4
1105	3 $\frac{1}{2}$	5 $\frac{1}{2}$	3 $\frac{1}{4}$	$\frac{1}{2}$	3 $\frac{7}{8}$	4 $\frac{3}{4}$	5 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{5}{16}$	6

* Center hole omitted.

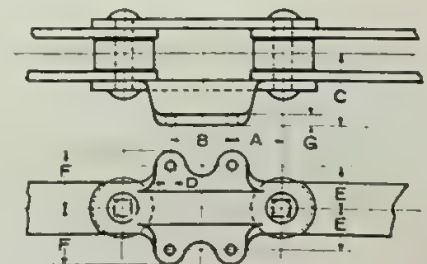


Has Round-Straight Holes for Bolts.

VE-1 Attachment (Steel)

Chain No.	A	B	C	D Diam of Bolts	E	F	G
951	1 $\frac{3}{32}$	2 $\frac{1}{16}$	2 $\frac{3}{4}$	$\frac{3}{8}$	1 $\frac{5}{8}$	2 $\frac{1}{16}$	$\frac{3}{8}$

Bold Face Type Indicates Carried in Stock Sizes.

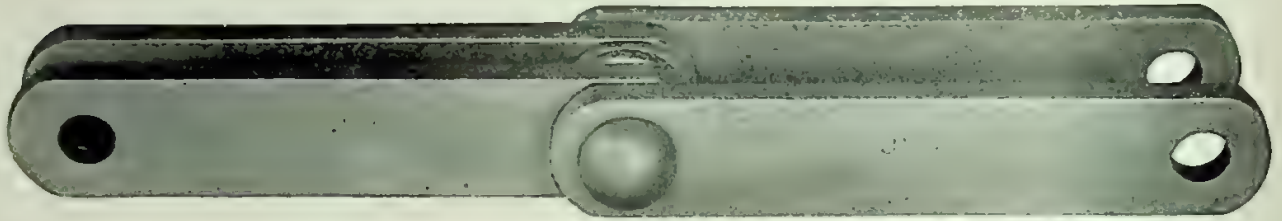


Has Round-Straight Holes for Bolts.

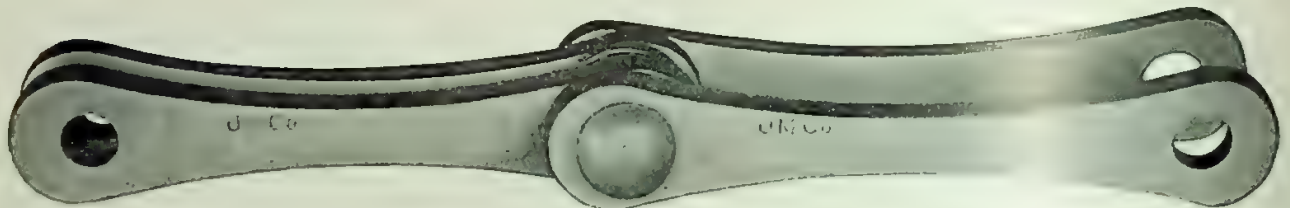
Jeffrey Vulcan Chains

Low Priced Chains of Great Tensile Strength

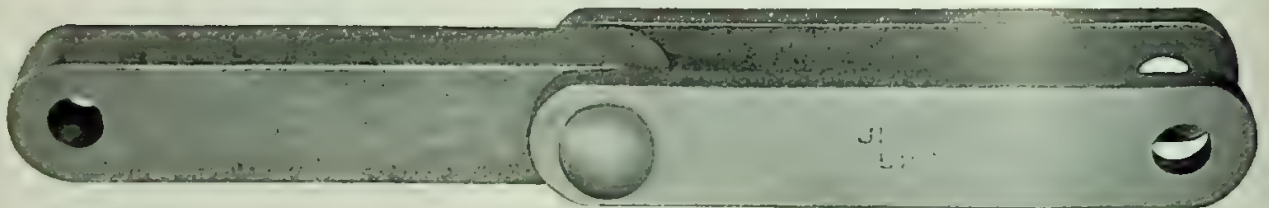
Extensively used in many lines of industry and give excellent satisfaction where the speed is comparatively slow, service intermittent, or of a character which does not involve great wear on the pins.



Style A



Style B

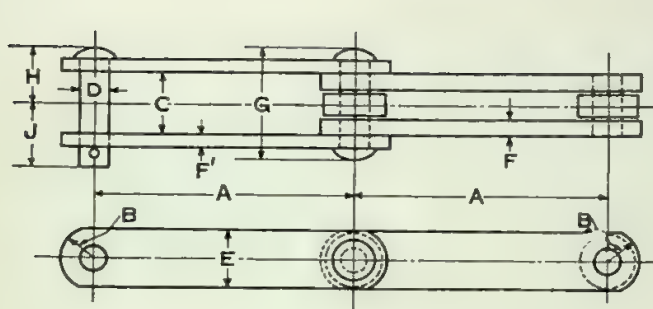


Style C

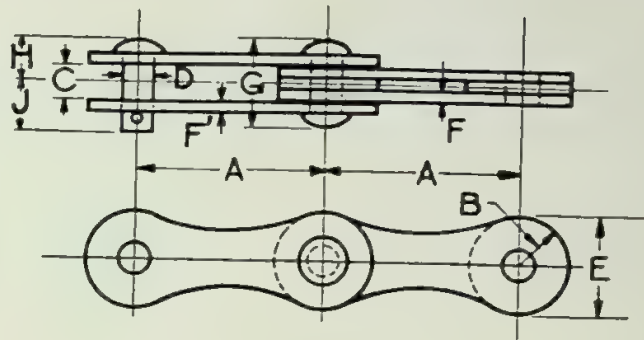


Style D

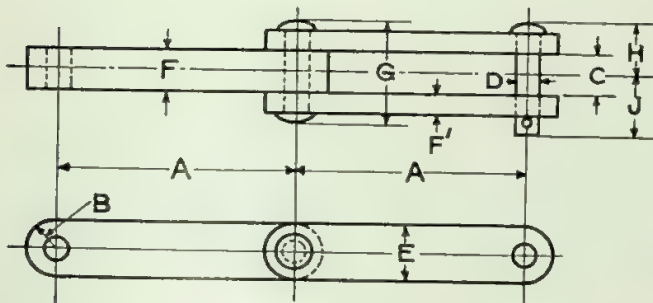
Jeffrey Vulcan Chains



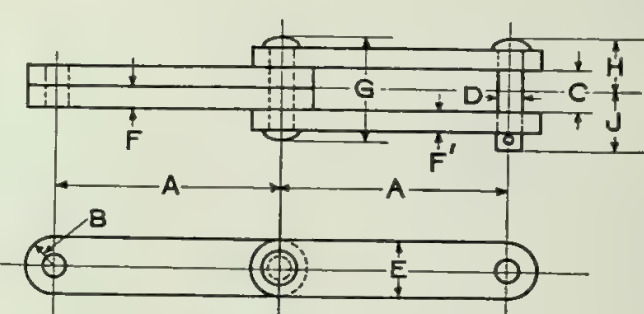
Style A



Style B



Style C



Style D

List Price and Dimensions of Vulcan Steel Chains

Chain No.	Style	List Price Per Foot	A Pitch In.	Average Weight Per Foot Pounds	Working Strength at 150 F. P. M. Pounds	Max. Speed In Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B Radius of Side Bar Inches	C Width Inside In.	D Dia. of Pin In.	Side Bar			G Overall Riveted Inches	Overall Coupled	
												Width E In.	Thickness F In.	F-1 In.		H In.	J In.
144	A	\$1.10	4	3.00	800	550	19600	144	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{1}{2}$	$1\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$1\frac{1}{8}$	$2\frac{3}{8}$	$1\frac{1}{8}$
*627	A	5.10	12	20.00	7200	150	113700	627	$1\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{3}{8}$	3	$\frac{7}{8}$	$\frac{5}{8}$	$5\frac{1}{4}$	$2\frac{5}{8}$	$2\frac{5}{8}$
*1218	A	8.50	12	25.25	15000	150	123000	1218	$1\frac{3}{4}$	3	$1\frac{3}{4}$	$3\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$		$2\frac{3}{8}$	$2\frac{3}{8}$
*1068	A	7.50	18	40.00	25000	150	190000	1068	2	3	2	4	$\frac{7}{8}$	$\frac{7}{8}$		$3\frac{3}{8}$	$3\frac{3}{8}$
*1070	A	4.60	18	31.50	15000	150	123000	1070	$1\frac{3}{4}$	3	$1\frac{3}{4}$	$3\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$		$2\frac{3}{8}$	$2\frac{3}{8}$
329	B	.80	$3\frac{3}{32}$	3.5	1000	500	19600	329	$\frac{1}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$1\frac{3}{8}$	$\frac{5}{16}$	$\frac{5}{16}$	$1\frac{3}{4}$	1	$1\frac{1}{8}$
211	B	.73	6	2.80	1170	350	30600	526	$\frac{3}{4}$	1	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{5}{16}$	$\frac{5}{16}$	$2\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{3}{8}$
241	B	.75	6	3.75	1400	350	30700	526	$\frac{3}{4}$	1	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$
1132	B	.70	6	5.15	1500	350	24300	526	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{1}{2}$	$1\frac{1}{2}$	$\frac{3}{8}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
1127	C	2.25	4	5.70	1640	400	30700	527 $\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{4}$
526	C	1.00	6	5.12	1640	400	30700	526	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{5}{8}$	$1\frac{1}{2}$	$\frac{7}{8}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{3}{8}$	$1\frac{1}{4}$
527 $\frac{1}{2}$	D	1.50	4	7.3	2250	400	42500	527 $\frac{1}{2}$	$\frac{3}{4}$	1	$\frac{3}{4}$	$1\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$2\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
287	D	2.50	4	12.70	2600	350	60100	287	1	1	$\frac{7}{8}$	2	$\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
313	D	1.70	6	9.12	2625	300	60100	313	1	1	$\frac{7}{8}$	2	$\frac{1}{2}$	$\frac{1}{2}$	$2\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
313 $\frac{1}{2}$	D	1.60	6	9.00	2700	350	47000	313	1	1	$\frac{7}{8}$	2	$\frac{1}{2}$	$\frac{3}{8}$	$2\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
327	D	2.25	6	10.89	4000	300	60100	327	1	$1\frac{1}{2}$	$\frac{7}{8}$	2	$\frac{3}{4}$	$\frac{1}{2}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
1219	D	2.75	6	13.6	4000	300	60100	327	1	$1\frac{1}{2}$	$\frac{7}{8}$	2	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
1174	D	3.40	6	18.0	5200	300	95000	1174	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{1}{8}$	$1\frac{1}{8}$	2
558	D	1.15	8	7.5	2250	400	42000	558	$\frac{7}{8}$	1	$\frac{3}{4}$	$1\frac{1}{4}$	$\frac{1}{2}$	$\frac{3}{8}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$\frac{5}{8}$
588	D	1.85	8	10.6	3950	250	60100	119	1	$1\frac{1}{2}$	$\frac{7}{8}$	2	$\frac{3}{4}$	$\frac{1}{2}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
119	D	2.20	8	12.8	4000	250	60100	119	1	$1\frac{1}{2}$	$\frac{7}{8}$	2	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{1}{8}$	$1\frac{1}{8}$	$1\frac{1}{8}$
1172	D	2.65	8	16.00	4500	200	78500	1172	$1\frac{1}{4}$	$1\frac{1}{2}$	1	$2\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	2
1171	D	2.90	8	16.00	5200	200	95000	1171	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{2}$	$\frac{3}{4}$	$\frac{3}{4}$	$3\frac{7}{8}$	$1\frac{1}{8}$	2
*623$\frac{1}{2}$	D	2.25	12	13.8	5100	150	77000	623 $\frac{1}{2}$	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$2\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{2}$	$3\frac{3}{8}$	$1\frac{1}{8}$	$1\frac{3}{4}$

Bold Face Type Indicates Carried in Stock Sizes to cover all reasonable demands; all others subject to occasional delays.

*Preferred Size for Heavy Haul-up Service.

†Working Strengths in Table are increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical Speeds are not over half of Max. Speeds.

For List of Sprockets, see pages 144-145 for Cast Iron and 158-159 for Cast Steel

Jeffrey Vulcan Chains

List Price and Weight of Attachments

Name of Attachment	Kind of Material	Styles A, B and C			Name of Attachment	Kind of Material	Styles A, B and C		
		List Price Each for Complete Attachment only	List Price for Complete Attachment when furnished with chain	Average Weight Each Lbs.			List Price Each for Complete Attachment only	List Price for Complete Attachment when furnished with chain	Average Weight Each Lbs.
No. 211					No. 558				
H-40	Malleable	\$1.10	\$0.90	2.4	A-42 only	Malleable	\$0.30	\$0.60	.75
N	Cast Iron	1.80	2.00	6.0	A-42 with 25-A Bucket Wing	Malleable	-----	-----	2.20
No. 241					A-42 with 2-M Wing	Malleable	-----	-----	1.90
H-40	Malleable	1.10	.90	2.4	D-5	Steel	.60	.80	-----
N	Cast Iron	1.80	2.00	6.0	F-2	Malleable	1.35	1.70	3.50
					K-2	Steel Per Pair	1.50	1.15	6.40
					VE-1	Steel	1.40	1.20	3.75
No. 526					No. 623½				
A	Malleable	.80	1.00	1.62					
A-42 only	Malleable	.30	.55	.75	*H-36	Cast Steel	-----	-----	85.00
A-42 with 25-A Bucket Wing	Malleable	-----	-----	2.20	No. 627				
A-42 with 2-M Wing	Malleable	-----	-----	1.90	*H-36	Cast Steel	-----	-----	79.00
D-5	Steel	.60	.75	-----	No. 1068				
F-2	Malleable	1.35	1.60	3.50					
G-9	Steel	1.35	1.55	1.30	*H-36	Cast Steel	-----	-----	-----
K-2	Steel Per Pair	1.00	.80	6.40	No. 1070				
M-3	Steel Per Pair	1.20	1.00	6.00					
N	Cast Iron	1.80	2.00	6.00					
VE-1	Steel	1.25	1.15	3.75	*H-36	Cast Steel	-----	-----	-----

* Tilting type of spurs similar to the H-36 can be furnished with many of the Vulcan Chains. Prices on application.

List Price and weight of Log Spur Attachments

Name of Attachment	Kind of Material	List Price Each Attachment Only	List Price Each Assembled in Chain	Width Outside of Teeth Inches	Height of Teeth Above Chain, In.	Average Weight Each Lbs.
No. 119						
S	Steel Plate	\$ 6.50	\$ 5.40	3	3	7.5
S-1½	Cast Steel (Pat. 16659)	8.65	7.55	1½	4	12.00
S-3	Cast Steel (Pat. 3293)	12.65	11.55	10	3	18.00
S-3	Mall. Iron (Pat. 3309)	5.50	4.40	10	4	16.00
S-3	Cast Steel (Pat. 20624)	14.80	13.70	12	3½	21.25
No. 313						
S-3	Cast Steel (Pat. 8307)	7.75	7.25	8	3½	10.50
No. 1219						
S	Steel Plate	5.75	4.95	3	3	14.00
S-3	Cast Steel (Pat. 25838)	10.40	9.60	10	4	14.50
S-3	Cast Steel (Pat. 8007-8)	9.25	8.45	6	3	11.00

†Price for each attachment assembled in Chain should be added to full amount of plain chain.
S Spurs can be furnished for any of the styles A, C, or D Vulcan Chains.
For List Price of Wing Attachments, see page 120.

Jeffrey Vulcan Chains

Attachments



A



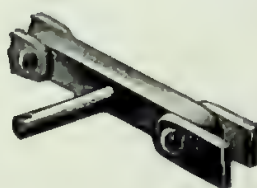
A-42



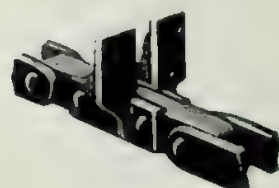
A-42 With A Bucket Wing



A-42 Wing M Flight Wing



D-5



F-2



G-9



K-2



M-3



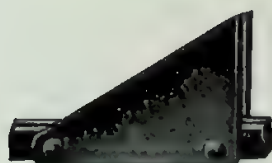
N



S-1½



S-3



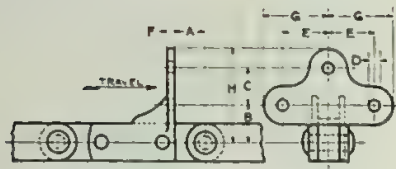
S



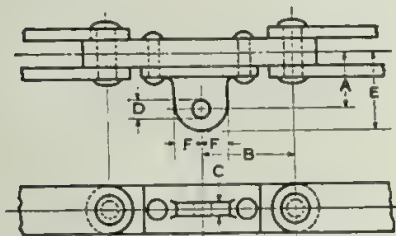
VE-1

Jeffrey Vulcan Chains

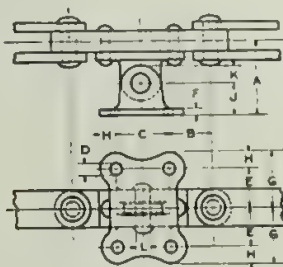
Dimensions of Attachments



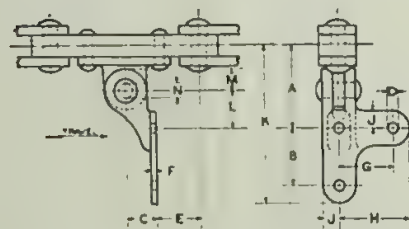
Has Round-Straight Holes for Bolts.



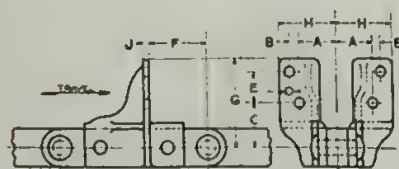
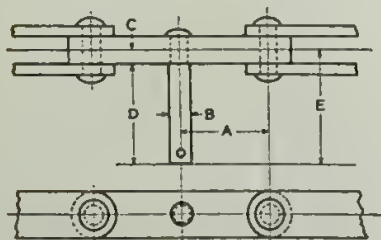
Has Round-Straight Holes for Bolts.



Has Round-Straight Holes for Bolts.



Has Round-Straight Holes for Bolts.



Has Round-Straight Holes for Bolts.

A Attachment (Malleable)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	1 $\frac{1}{4}$	1 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{7}{8}$	$\frac{1}{4}$	2 $\frac{1}{16}$	3 $\frac{1}{16}$

A-42 Attachment (Malleable)

Chain No.	A	B	C	D Diam. of Bolt or Pin	E	F
526	1 $\frac{1}{4}$	3	$\frac{7}{16}$	$\frac{5}{8}$	2 $\frac{1}{2}$	$\frac{3}{8}$
558	1 $\frac{1}{16}$	4	$\frac{7}{16}$	$\frac{5}{8}$	2 $\frac{9}{16}$	$\frac{3}{8}$

A-42 Attachment (Malleable) With A Bucket Wing

Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L Dia. of Rivet
526	A-42 with No. 25-A Bucket Wing	3	1 $\frac{7}{8}$	2 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{13}{16}$	$\frac{1}{4}$	2 $\frac{1}{4}$	$\frac{3}{16}$	1 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{5}{8}$
558	A-42 with No. 25-A Bucket Wing	3 $\frac{1}{16}$	2 $\frac{7}{8}$	2 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{13}{16}$	$\frac{1}{4}$	2 $\frac{1}{4}$	$\frac{3}{16}$	1 $\frac{1}{4}$	$\frac{11}{16}$	$\frac{5}{8}$

A-42 Attachment (Malleable) With M Flight Wing

Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H	J	K	L	M	N
526	A-42 with No. 2-M	3 $\frac{1}{4}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{3}{8}$	1 $\frac{3}{4}$	$\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{15}{16}$	$\frac{11}{16}$	6 $\frac{3}{16}$	1 $\frac{1}{2}$	$\frac{7}{8}$	$\frac{5}{8}$
558	A-42 with No. 2-M	3 $\frac{5}{16}$	2 $\frac{1}{4}$	1 $\frac{1}{4}$	$\frac{3}{8}$	2 $\frac{3}{4}$	$\frac{1}{4}$	2 $\frac{1}{4}$	2 $\frac{15}{16}$	$\frac{11}{16}$	6 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{7}{8}$	$\frac{5}{8}$

D-5 Attachment (Steel)

Chain No.	A	B	C	D	E
526	3	To Suit			
558	4				

F-2 Attachment (Malleable)

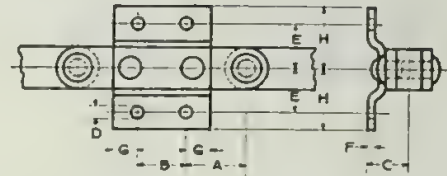
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
526	1 $\frac{3}{16}$	$\frac{3}{8}$	1 $\frac{3}{4}$	$\frac{3}{8}$	1 $\frac{1}{4}$	2 $\frac{3}{8}$	3 $\frac{1}{2}$	2 $\frac{3}{8}$	$\frac{1}{4}$
558	1 $\frac{5}{8}$	$\frac{3}{8}$	1 $\frac{7}{8}$	$\frac{3}{8}$	1 $\frac{1}{4}$	3 $\frac{3}{8}$	3 $\frac{5}{8}$	2 $\frac{7}{8}$	$\frac{1}{4}$

Jeffrey Vulcan Chains

Dimensions of Attachments

G-9 Attachment (Steel)

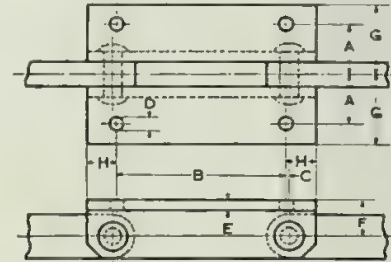
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	2 $\frac{1}{8}$	1 $\frac{3}{4}$	1 $\frac{3}{8}$	$\frac{3}{8}$	1 $\frac{5}{8}$	$\frac{1}{4}$	$\frac{3}{8}$	2 $\frac{1}{4}$



Has Round-Straight Holes for Bolts.

K-2 Attachment (Angle Iron)

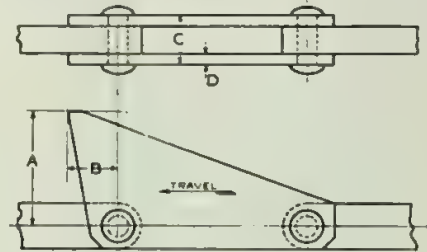
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
526	1 $\frac{3}{4}$	3 $\frac{1}{2}$	1 $\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$	1 $\frac{1}{4}$	2 $\frac{7}{16}$	2 $\frac{1}{8}$
558	1 $\frac{5}{8}$	6	1	$\frac{1}{2}$	$\frac{3}{8}$	1 $\frac{5}{8}$	2 $\frac{1}{2}$	1 $\frac{15}{16}$



Has Round-Straight Holes for Bolts.

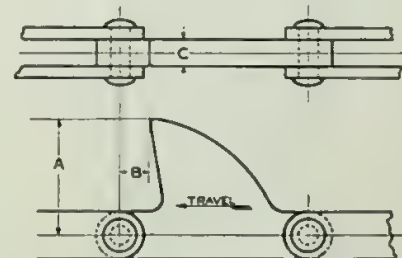
S Attachment (Steel)

Chain No.	A	B	C	D
119	4	1 $\frac{1}{16}$	3	$\frac{3}{4}$
1219	4	1 $\frac{1}{16}$	3	$\frac{3}{4}$



S-1 $\frac{1}{2}$ Attachment (Cast Iron)

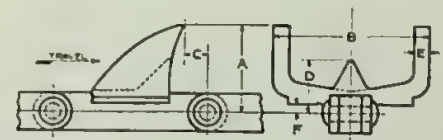
Chain No.	A	B	C	Pattern No.
119	5	1 $\frac{1}{2}$	1 $\frac{1}{2}$	16659



S-3 Attachment

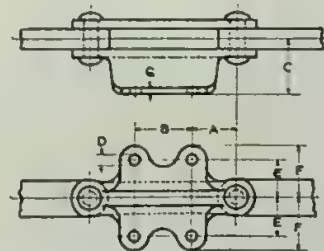
Chain No.	A	B	C	D	E	F	Pattern No.
119	4	10	1 $\frac{1}{4}$	2 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	3293
119	5	10	1 $\frac{1}{4}$	2 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	3309*
119	4 $\frac{1}{2}$	12	1 $\frac{1}{4}$	2 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	20624
313	4 $\frac{1}{2}$	8	$\frac{1}{2}$	2 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	8307
1219	5	10	$\frac{1}{2}$	2 $\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{8}$	25838
1219	4	6	1	-----	$\frac{3}{4}$	1	8007-8

*All are made of Cast Steel with this one exception it being made of Malleable Iron.



VE-1 Attachment (Steel)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G
526	1 $\frac{3}{4}$	2 $\frac{5}{16}$	2 $\frac{3}{8}$	$\frac{3}{8}$	1 $\frac{5}{8}$	2 $\frac{1}{16}$	$\frac{3}{8}$
558	2 $\frac{1}{2}$	3	2 $\frac{1}{2}$	$\frac{1}{2}$	1 $\frac{7}{8}$	2 $\frac{9}{16}$	$\frac{3}{8}$



Has Round-Straight Holes for Bolts.

Jeffrey Flat and Round Steel Link Chain



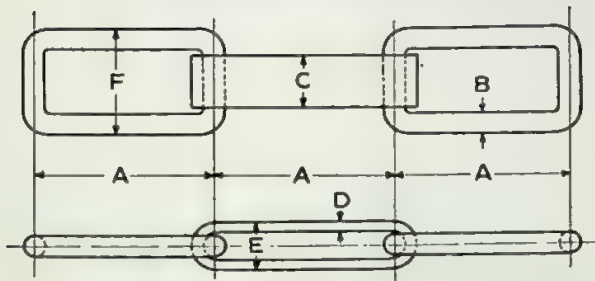
Its Strength, Simplicity, Durability and Low Cost commend it for general elevating and conveying work.

FLAT and Round link chain is an all steel welded chain having the strength of the ordinary welded coil chain with the added advantage of wearing quality, due to the bearing surface of the flat link.

This type of chain is fitted to general elevating and conveying service under non-gritty or semi-gritty conditions, either dry or wet. It is especially adapted to the latter, and to conditions where corrosion has given trouble in the use of riveted chains.



Jeffrey Flat and Round Steel Link Chains



List Price and Dimensions of Plain Chains

Chain No.	List Price per Foot	A Pitch In.	Average Weight per Ft. Lbs.	Working Strength at 150 ft. Per Min. Lbs.	Max. Speed in Feet Per Min.	Average Ultimate Strength Lbs.	Works on Sprockets Number	Dimensions—Inches				
								B	C	D	E	F
504½	\$1.45	{ *4 1/16 †3 3/4	2.40	2475	250	11000	504½	1/2	1 1/4	1/4	1 1/8	2 1/2
506	1.15	6.0	2.10	2475	250	11000	506	1/2	1 1/4	1/4	1 1/8	2 1/2
516	1.35	6.0	3.45	3400	250	17175	516	5/8	1 3/8	3/8	1 1/2	3
516½	1.95	{ *6 5/32 †5 7/8	4.66	5225	250	24750	516½	3/4	1 3/4	3/8	1 11/16	3 1/8
518	1.60	8.0	4.49	5225	200	24750	518	3/4	1 3/4	3/8	1 5/8	3 1/8
519	1.95	8.0	5.30	5900	200	24750	519	3/4	2	3/8	1 5/8	3 1/8
520	2.25	8.0	6.82	6900	200	36675	520	7/8	2	1/2	2	4 1/8
520½	2.90	8.0	9.00	9800	175	44000	520½	1	2 1/2	1/2	2 1/8	4 7/8
521	2.40	10.0	8.40	9800	150	44000	521	1	2 1/2	1/2	2 1/8	4 7/8

†Working Strengths in Tables are increased or decreased for speeds other than 150 ft. per minute, see page 121.

§Economical Speeds are one half of Maximum Speeds.

On "Order" Sizes List Prices shown do not apply on orders for less than 100 ft. of one size.

*Pitch of Round Link. †Pitch of Flat Link.

For List of Sprockets, see page 145 for Cast Iron and page 159 for Cast Steel.

List Prices and Weights of Attachments, Coupling Links and Blocks

Chain No. and Attachment	List Price, Each		Average Weight Each Lbs.	Chain No. and Attachment	List Price, Each		Average Weight Each Lbs.
	Loose	Assembled in Chains			Loose	Assembled in Chains	
No. 504½				VE-1 (Steel).....	\$1.00	\$1.45	6.04
A Malleable.....	\$0.65	\$1.00	1.46	Coupling Block Only.....	.45	.....	1.05
G-9 Steel.....	.60	.95	1.80	Coupling Link and Block ..	2.00	.....	3.88
Coupling Block only.....	.20	.....	.37	No. 518			
Coupling Link and Block ..	1.35	.....	1.20	A-1 Malleable.....	1.75	2.20	4.31
No. 506				A-42 Malleable.....	.80	1.25	2.19
A Malleable.....	.65	1.00	1.50	A-42 with No. 23C Flight Wing.....	.....	.....	3.51
A-42 Malleable.....	.35	.70	.81	A-42 with No. 14T 1-2 for 1½" pipe.....	.....	.....	3.35
A-42 with No. 22C Flight Wing.....	.....	.....	1.50	G-9 Steel.....	.75	1.20	5.21
A-42 with No. 11T 1-2 for 1¼" pipe.....	.....	.....	1.70	VE-1.....	1.00	1.45	6.04
G-9 Steel.....	.60	1.00	1.80	Coupling Block Only.....	.45	.....	1.05
Coupling Block Only.....	.20	.....	.47	Coupling Link and Block ..	2.25	.....	4.53
Coupling Link and Block ..	1.55	.....	1.82	No. 519			
No. 516				A-1 Malleable.....	1.75	2.20	4.35
A-Malleable.....	.95	1.30	2.34	G-9 Steel.....	.75	1.20	6.52
A-42 Malleable.....	.50	.85	1.34	No. 520			
A-42 with No. 22C Flight Wing.....	.....	.....	2.00	A-1 Malleable.....	2.20	2.80	5.75
A-42 with No. 11T 1-2 for 1¼" pipe.....	.....	.....	2.22	G-9 Steel.....	1.00	1.60	7.33
G-9 Steel.....	.60	1.00	3.23	Coupling Block Only.....	.70	.....	1.63
VE-1 Steel.....	.70	1.10	3.46	Coupling Link and Block ..	3.25	.....	7.20
Coupling Block only.....	.25	.....	.63	No. 520½			
Coupling Link and Block ..	1.75	.....	2.96	G-9 Steel.....	1.30	1.90	10.50
No. 516½				S-4.....	3.80	4.40	10.75
A-1 Malleable.....	1.75	2.20	4.31	Coupling Block Only.....	1.20	.....	2.69
A-42 Malleable.....	.80	1.25	2.19	Coupling Link and Block ..	4.50	.....	9.66
A-42 with No. 23C Flight Wing.....	.....	.....	3.51	No. 521			
A-42 with No. 14T 1-2 for 1½" pipe.....	.....	.....	3.35	G-9 Steel.....	1.30	1.90	10.50
G-9 Steel.....	.75	1.20	5.21	S-4.....	3.80	4.40	27.20
				Coupling Block Only.....	1.20	.....	2.69
				Coupling Link and Block ..	4.80	.....	11.10

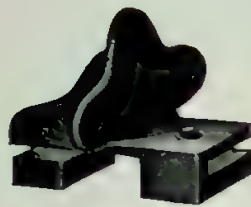
Bold Face Type Indicates Carried in Stock Sizes.

For List Price of Wing Attachments, see page 120.

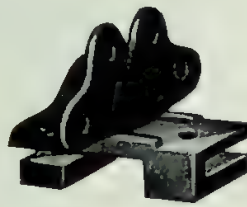
††Price for each attachment assembled in chain should be added to full amount of plain chain.

Jeffrey Flat and Round Steel Link Chains

Attachments



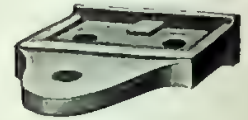
A



A-1



Coupling Link and Block



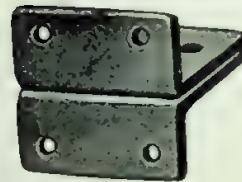
A-42



A-42 With C Flight Wing



A-42 With TI-2
Pipe Attachment

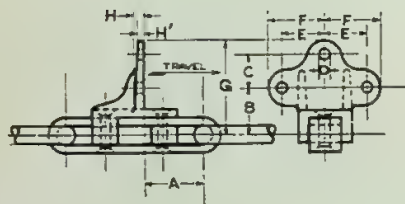


G-9 or VE-1



S-4

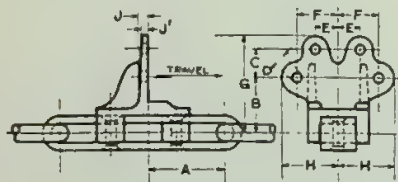
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

A Attachment (Malleable Iron)

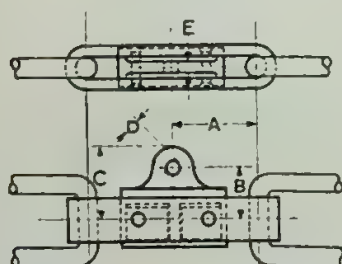
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	H1
504 1/2	1 5/8	1 5/8	1 1/4	3/8	1 5/8	2 1/8	3 7/16	1/4	2 1/16
506	2 3/4	1 5/8	1 1/4	3/8	1 5/8	2 1/8	3 7/16	1/4	2 1/16
516	2 5/8	1 15/16	1 1/8	3/8	1 7/8	2 7/16	4	3/8	1 1/4



Has Round-Straight Holes for Bolts.

A-1 Attachment (Malleable Iron)

Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H	J	J1
516 1/2	2 11/16	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	1 3/32	1 1/16
518	3 3/4	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	1 3/32	1 1/16
519	3 3/4	2 5/8	1 5/16	3/8	1 3/32	2	4 9/16	2 3/4	1 3/32	1 1/16
520	3 27/32	2 15/16	1 5/16	3/8	1 3/32	2	5 1/16	2 15/16	1 3/32	1 1/16



Has Round-Straight Holes for Bolts.

A-42 Attachment (Malleable Iron)

Chain No.	A	B	C	D Diam. of Bolt or Rivet	E
506	3	1 11/16	2 3/8	1 1/2	5 1/16
516	3	1 3/4	2 7/16	1 1/2	3 3/8
516 1/2	2 15/16	2 1/8	3	5/8	1 1/2
518	4	2 1/8	3	5/8	1 1/2

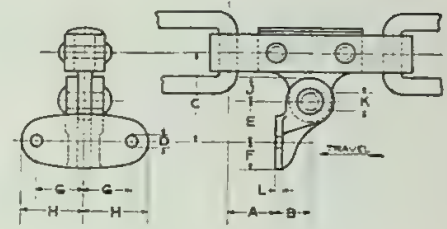
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Flat and Round Steel Link Chains

Dimensions of Attachments

A-42 Attachment (Malleable Iron) With C Flight Wing

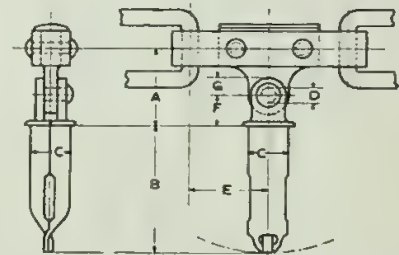
Chain No.	Attachment Used	A	B	C	D Dia. of Bolt or Rivet	E	F	G	H	J	K Dia. of Bolt or Rivet	L
506	A-42 & No. 22-C	2	1	3 ³ / ₁₆	3/8	1 1/2	3/4	1 1/2	2 1/2	5/8	1/2	1/4
516	A-42 & No. 22-C	2	1	3 1/4	3/8	1 1/2	3/4	1 1/2	2 3/4	5/8	1/2	1/4
516 1/2	A-42 & No. 23-C	1 1/2	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 1/2	7/8	5/8	1/4
518	A-42 & No. 23-C	2 3/4	1 1/4	3 5/8	3/8	1 1/2	1	1 3/4	2 1/2	7/8	5/8	1/4



Has Round-Straight Holes for Bolts.

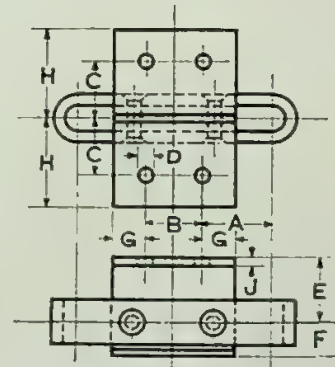
A-42 Attachment (Malleable Iron) With T1-2 Pipe

Chain No.	Attachment Used	A	B	C	D Diam. of Bolt or Rivet	E	F	G
506	A-42 & No. 11T-1-2	2 ⁹ / ₁₆	4 ¹¹ / ₁₆	1 1/4	1 5/8	3	7/8	2 1/2
516	A-42 & No. 11T-1-2	2 5/8	4 ¹¹ / ₁₆	1 1/4	1 5/8	3	7/8	2 3/4
516 1/2	A-42 & No. 14T-1-2	3 ⁵ / ₁₆	4 ¹³ / ₁₆	1 1/2	1 5/8	2 1/2	1 1/2	2 3/4
518	A-42 & No. 14T-1-2	3 ⁵ / ₁₆	4 ¹³ / ₁₆	1 1/2	1 5/8	4	1 3/4	3 1/2



G-9 and VE-1 Attachment (Steel Angle)

Chain No.	Name of Attachment	A	B	C	D Diam. of Bolts	E	F	G	H	J
504 1/2	G-9	1 1/4	1 1/4	1	3/8	1 1/2	1	1 5/8	1 7/8	1/4
506	G-9	2 3/8	1 1/4	1	3/8	1 1/2	1	1 5/8	1 7/8	1/4
516	G-9	2 1/8	1 3/4	1 5/8	3/8	2	1	1 5/8	2 5/8	1/4
516	VE-1	1 3/2	2 5/8	1 5/8	3/8	2 3/8	1 1/8	2 3/8	2 5/8	1/4
516 1/2	G-9	1 7/8	2 1/8	1 1/2	3/8	2 1/4	1 1/4	1 1/2	2 5/8	1/4
518	G-9	2 1/8	2 1/8	1 1/2	3/8	2 1/4	1 1/4	1 1/2	2 5/8	1/4
518	VE-1	2 1/2	3	1 7/8	1/2	2 1/2	1 1/2	3/4	3 1/8	1/4
520	G-9	2 3/4	2 1/2	2	1/2	2 1/2	1 1/2	1 1/4	3 1/8	1/4
520 1/2	G-9	2 1/2	3	2 1/4	5/8	3	1 3/4	1 5/8	3 1/8	3/8
521	G-9	3 1/2	3	2 1/4	5/8	3	1 3/4	1 5/8	3 1/8	3/8



Has Round-Straight Holes for Bolts.

S-4 Attachment (Steel Plate)

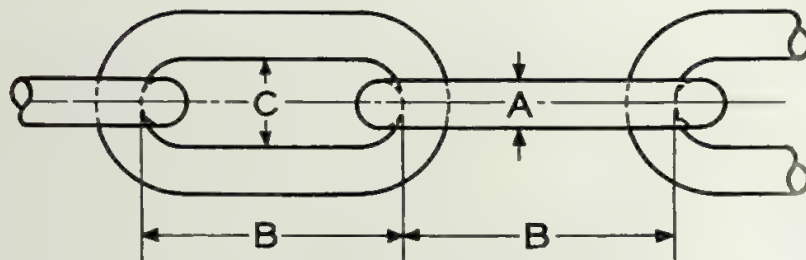
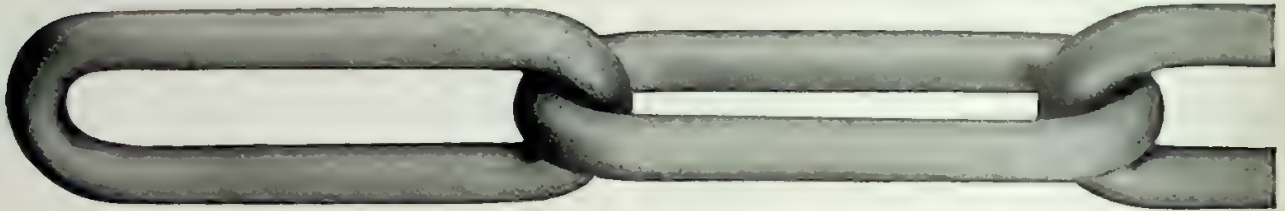
Chain No.	A	B	C	D
520 1/2	5 3/8	1 3/4	5 1/4	5/8
521	5 1/8	2 3/8	6	3/4



Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Long Link Coil Chains

Used Extensively for Conveyors and Elevators in the Timber Industry for Handling Logs, Lumber, Refuse, Etc.



List Price and Dimensions

Chain No.	List Price Per Foot	Average Weight Per Foot Lbs.	†Working Strength at 150 Feet Per Minute	§Max. Speed in Feet Per Minute	Average Ultimate Strength Lbs.	Works on Sprockets Number	Dimensions—Inches		
							A Diam. Stock	B Length Inside	C Width Inside
530	\$0.48	2.0	1390	250	18900	530	½	4	⅞
531	.60	2.5	2200	225	29200	531	⅝	5	1
532	.90	4.0	3375	225	42200	532	¾	6	1½
533	1.15	5.25	4820	200	57400	533	⅞	7	1¾
534	1.50	7.0	5120	175	75000	534	1	7	1¾
535	1.95	9.25	6400	175	95000	535	1⅛	8	2
536	2.50	11.75	7800	175	117200	536	1¼	8	2¼
541	1.60	7.5	5120	200	75000	541	1	6	1¾
541½	1.55	7.25	6000	200	75000	541½	1	6	1½
542	1.20	5.5	4820	225	57400	542	⅞	6	1¾
916	1.25	5.75	4000	225	57400	916	⅞	6	1½
919	.70	3.00	1467	225	29200	919	⅝	6	1½
921	.95	4.20	2525	225	42200	921	¾	6	1½

†Working Strengths are increased or decreased for speeds other than 150 feet per minute, see page 121.

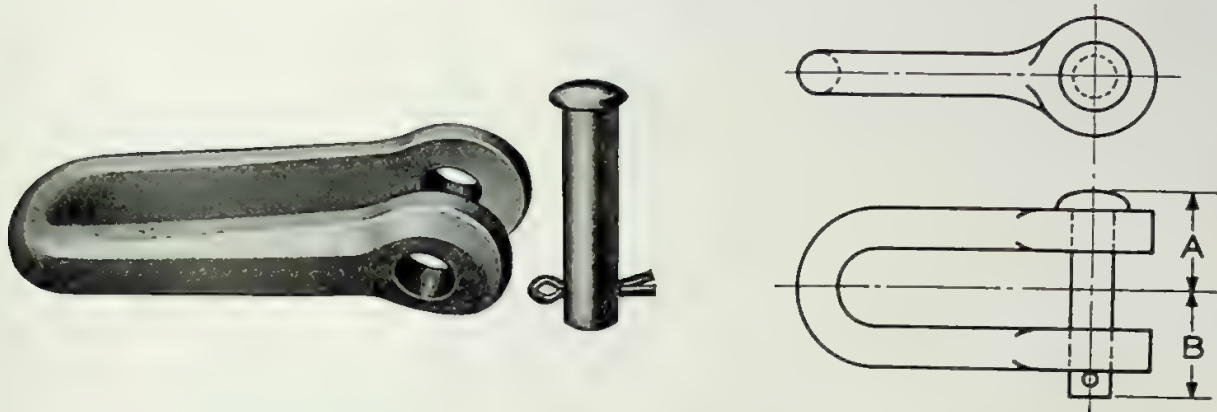
§Economical Speeds are not over 75% of Max. Speeds.

Bold Face Type indicates carried in stock sizes to cover all reasonable demands; all others subject to occasional delays.

For List of Sprockets, see pages 149 to 152.

Jeffrey Long Link Coil Chains

Standard Coupling Link and Pin



List Prices and Dimensions of Malleable Iron Coupling Links with Cottered Pins

Chain No.	List Price Each	Average Weight Each Lbs.	A Inches	B Inches	Chain No.	List Price Each	Average Weight Each Lbs.	A Inches	B Inches
530	\$0.75	1.0	1 $\frac{3}{16}$	1 $\frac{1}{2}$	533	\$2.40	7.0	1 $\frac{7}{8}$	1 $\frac{1}{2}$
531	1.30	2.5	1 $\frac{1}{8}$	1 $\frac{5}{8}$	534	3.20	9.0	2 $\frac{5}{8}$	2 $\frac{3}{4}$
532	1.80	4.3	1 $\frac{3}{8}$	1 $\frac{3}{4}$	535	.....	.....	2 $\frac{1}{2}$	2 $\frac{1}{8}$

List Price and Weight of Attachments

Chain No.	List Price Each	Average Weight Each Pounds	Chain No.	List Price Each	Average Weight Each Pounds
No. 530			No. 534		
K-2 Cast Iron.....	\$ 1.10	2.6	S-1 $\frac{1}{2}$ Cast Iron (Patt. 17211)	\$ 8.00	37.0
K-5 Cast Iron.....	.65	2.3	S-1 $\frac{1}{2}$ Cast Steel (Patt. 17211)	22.00	40.0
S-1 $\frac{1}{2}$ Cast Iron (Patt. 17473)	3.20	9.3	No. 535		
S-1 $\frac{1}{2}$ Cast Steel (Patt. 17473)	7.20	10.0	S-1 $\frac{1}{2}$ Cast Iron (Patt. 18729)	10.00	46.0
No. 531			S-1 $\frac{1}{2}$ Cast Steel (Patt. 18729)	27.60	50.0
K-2 Cast Iron.....	1.20	2.8	No. 536		
K-5 Cast Iron.....	.95	3.2	S-1 $\frac{1}{2}$ Cast Iron (Patt. 18730)	12.50	59.0
S-1 $\frac{1}{2}$ Cast Iron (Patt. 18726)	3.60	15.3	S-1 $\frac{1}{2}$ Cast Steel (Patt. 18730)	29.50	64.0
S-1 $\frac{1}{2}$ Cast Steel (Patt. 18726)	10.00	16.5	No. 541		
No. 532			S-1 $\frac{1}{2}$ Cast Iron (Patt. 17211)	8.00	37.0
K-2 Cast Iron.....	1.80	4.5	S-1 $\frac{1}{2}$ Cast Steel (Patt. 17211)	22.00	40.0
K-5 Cast Iron.....	1.05	3.7	No. 542		
S-1 $\frac{1}{2}$ Cast Iron (Patt. 18727)	4.80	21.0	K-2 Cast Iron.....	2.30	7.0
S-1 $\frac{1}{2}$ Cast Steel (Patt. 18727)	14.00	22.5	K-5 Cast Iron.....	1.30	4.7
No. 533			S-1 $\frac{1}{2}$ Cast Iron (Patt. 18728)	6.50	26.5
K-2 Cast Iron.....	2.50	7.6	S-1 $\frac{1}{2}$ Cast Steel (Patt. 18728)	17.00	29.0
K-5 Cast Iron.....	1.35	4.9			

Price for K-2 Attachments is for the two halves with bolts for attaching to chain.

Price for K-5 Attachments is for the Attachment only.

Price for S1 $\frac{1}{2}$ Attachments includes bolts and Filler Blocks for attaching to chain.

Jeffrey Long Link Coil Chains

Attachments



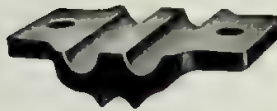
U-Bolt with Plate Washer
(Link is part of Chain)



K-2
(Consists of two castings with bolts for attaching to chain)



S-1 1/2 Log Spur
(Furnished with filler blocks and bolts)

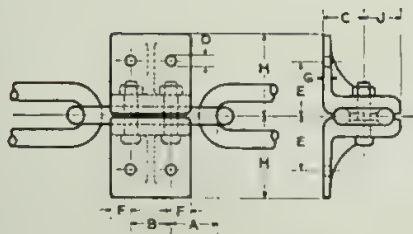


K-5



The K-5 Attachment is here shown bolted up under wood cross-bar

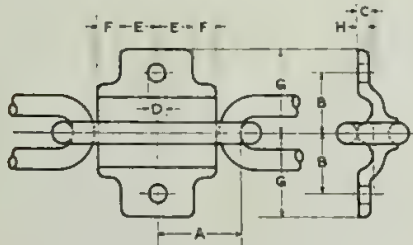
Dimensions of Attachments



Has Round-Straight Holes for Bolts.

K-2 Attachment (Cast Iron)

Chain No.	Pattern No.	A	B	C	D Diam. of Bolts	E	F	G	H	J
530	.....	1 5/16	1 3/8	1 3/8	3/8	1 3/4	3/8	1/4	2 7/16	1 1/16
531	4233	1 3/4	1 1/2	1 1/8	1 5/16	2	3/4	1/4	3	1 1/16
532	3812	2	2	1 3/8	3/8	2 1/4	1	3/8	3	1 3/8
533	.....	2 1/4	2 1/2	2 1/8	1/2	2 5/8	1	3/8	3 1/8	1 1/2
542	.....	1 3/4	2 1/2	2 1/8	1/2	2 5/8	1	3/8	3 1/8	1 1/2



Has Round-Straight Holes for Bolts.

K-5 Attachment (Cast Iron)

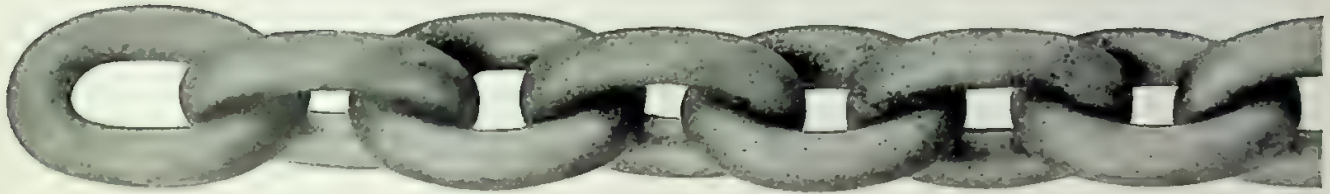
Chain No.	A	B	C	D Diam. of Bolts	E	F	G	H
530	2	2 1/8	1 1/2	1/2	1	3/8	2 1/8	3/8
531	2 1/2	2 1/8	1 1/2	5/8	1 5/16	7/16	2 1/8	7/16
532	3	2 1/8	1 1/8	5/8	1 1/16	1 1/16	2 1/8	7/16
533	3 1/2	2 5/8	1 7/8	5/8	1 5/16	1 1/16	3 1/8	7/16
542	3	2 5/8	1 3/4	5/8	1 5/16	1 1/16	3 1/8	7/16

S-1 1/2 Spur Attachment (Cast Iron or Steel)

Chain No.	Pattern No.	A	B	C	D	E	F	G	H
530	17473	3 11/16	2 15/16	1 5/8	1 11/16	3 1/4	5/8	7 3/4	5/8
531	18726	4 3/8	3 1/2	1 1/8	2 1/8	3 3/4	5/8	8 1/4	1
532	18727	5	4	1 3/8	2 1/2	4 1/8	3/4	9	1 3/8
533	18728	5 1/2	4 1/2	1 1/2	2 3/4	4 1/2	3/4	9 1/2	1 3/4
534	17211	6 1/8	5 1/8	1 7/8	3 1/4	5	3/4	10	1 5/8
535	18729	6 3/4	5 5/8	2 1/8	3 5/8	5 1/2	7/8	10 1/2	2
536	18730	7 1/2	6 1/4	2 3/8	4	5 7/8	1	11 1/4	1 3/8
541	17211	6 1/8	5 1/8	1 7/8	3 1/4	5	3/4	10	1 5/8
542	18728	5 1/2	4 1/2	1 1/2	2 3/4	4 1/2	3/4	9 1/2	1 1/4

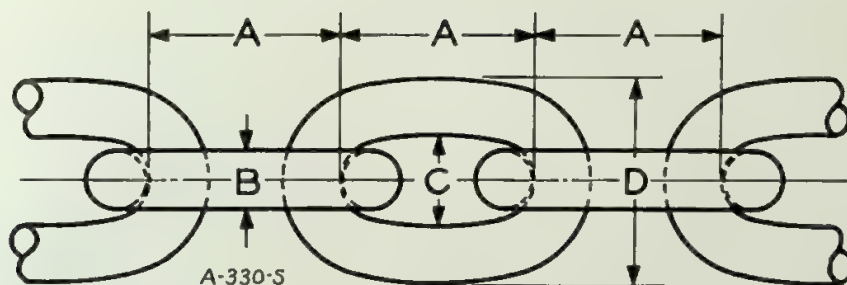
Bold Face Type Indicates Carried in Stock Sizes.

Jeffrey Pocket Sheave Cable Chain



736

Jeffrey Pocket Sheave Chain is made by hand and each link is fitted into the pockets of the wheel to insure a perfect fit. The material in this chain is of very high quality and is refined and rerolled. It is tough and sufficiently hardened to prevent rapid wearing. The welding is entrusted to only the most experienced workmen and the chain is carefully inspected both before and after testing.



List Price and Dimensions

Chain No.	List Price per Foot	A Pitch In.	Average Weight Per Ft. Lbs.	†Working Strength in Lbs. at 150 Ft. Per Min.	§Max. Speed Ft. Per Min.	Average Ultimate Strength Lbs.	B Nominal	C	D
901	\$1.95	1.60	2.40	3550	800	14200	$\frac{1}{2}$	$\frac{11}{16}$	$1\frac{3}{4}$
902	3.90	2.03	5.50	9000	800	36000	$\frac{3}{4}$	$1\frac{1}{4}$	$2\frac{5}{8}$
903	2.50	1.65	3.45	6000	800	24000	$\frac{5}{8}$	$\frac{11}{16}$	$2\frac{1}{8}$
904	.50	.83	.53	1000	800	4000	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{3}{8}$
910	.95	1.01	.95	1400	800	5600	$\frac{1}{8}$	$\frac{7}{16}$	$1\frac{1}{8}$
911	1.40	1.06	1.40	2225	800	8900	$\frac{3}{8}$	$\frac{1}{2}$	$1\frac{1}{4}$

†Working Strengths are increased or decreased for speeds other than 150 ft. per minute. See page 121.

§Economical Speeds are not over half of Maximum Speeds.

Jeffrey Climax Steel Chains



Drop Forged Type

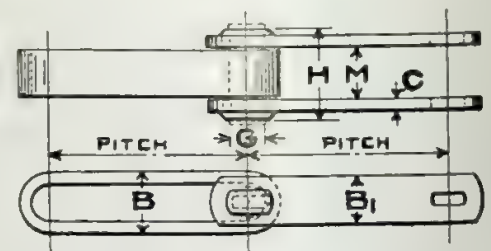
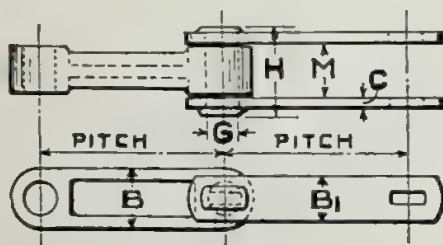


Strap and Bar Type

SERVICE—This chain is economically fitted to Elevator and Scraper Conveyor Service where heavy shocks and gritty or acid conditions are encountered such as carbide, coke, stone, garbage, etc., with preference being given to the Drop Forged Type where much grit comes into actual contact with the chain. This chain is also well fitted to heavy duty haul-up service.

CONSTRUCTION—Made with Drop Forged and also Strap Links alternating with Steel Side Bars into which the ends of milled pins are securely riveted.

These Milled Pins while short in length are extra large in diameter thus giving the greatest per inch wearing surface of pin for the space occupied by the chain.



List Prices and Dimensions

Chain No.	List Price Per Foot		Pitch Inches	Average Wgt. Per Foot, Lbs.		Working Strength at 150 Feet Per Min.	Max. Speed Feet Per Min.	Average Ultimate Strength Pounds	Works on Sprockets Number	B		B1	C	G	H	M	Overall Coupled Chain
	Drop Forged Type	Strap Bar Type		Drop Forged Type	Strap Bar Type					Drop Forged Type	Strap Bar Type						
306½	\$5.50	\$3.00	6	11.00	7.70	6575	300	32000	306½	2⅛	2¼	1¾	¾	1⅜	3⅛	1⅛	3 1/16
356½	4.50	2.50	6	8.40	5.90	4700	400	23500	356½	1⅞	2	1½	¾	1¼	2 1/16	1 9/16	2 1/16
357½	5.35	3.00	7	13.10	9.20	6575	300	33000	357½	2⅛	2¼	1¾	¾	1⅜	3⅛	1⅛	3 1/16
358½	7.00	3.40	8	14.50	10.20	9000	300	50000	358½	2½	2	1½	1½	1½	3 5/8	2 1/16	3 1/16
362½	6.50	3.20	12	21.00	17.90	13000	200	79000	362½	3	3⅛	2½	¾	1¾	4 5/8	2 1/16	4 1/16

"Climax" Chain in double strands under very gritty conditions, may have hard iron wearing blocks placed upon cross bars with the blocks sliding upon guides or trough supports, and with the chains overhanging free from direct contact with the material carried.

‡Working Strengths at Speeds greater than 150 feet per minute, but not exceeding Maximum Speeds given, are the following per cent. of tabulated working strength: 200 to 300 feet, 85%; 300 to 400 feet, 75%.

§Economical speeds are not over half of Max. Speeds.

For List of Sprockets, see page 146 for Cast Iron and page 159 for Cast Steel.

Jeffrey Steel Bar Drag Chains

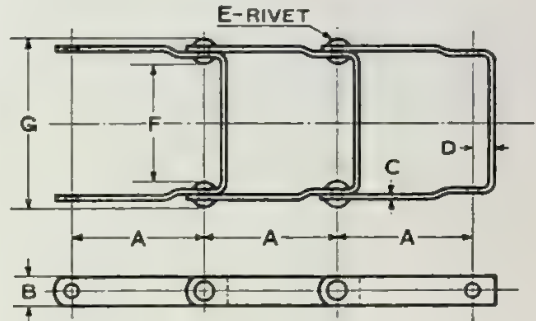
For Handling Saw Dust, Refuse, Shavings, Coal, Broken Stone, Etc.

NOTE—The relative service values of the two styles of Chain favor the Style C.

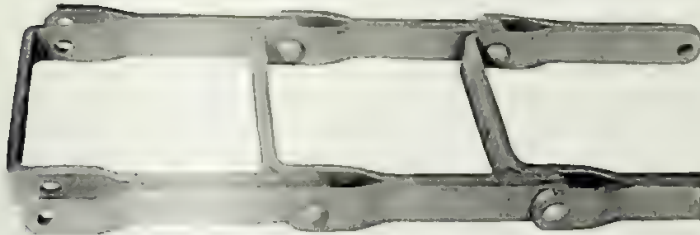
Style A



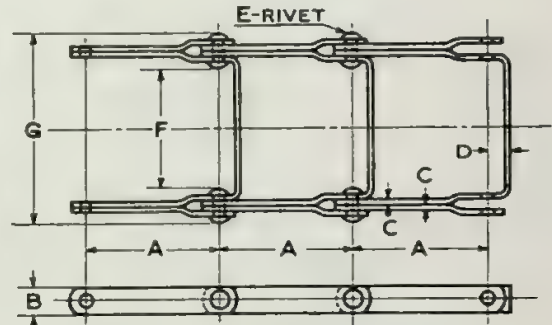
Style A is well fitted to comparatively short Conveyors for the handling of Saw Dust, Shavings, etc.



Style C



Style C is the stronger of the two general styles of Drag Chains and is well adapted to the handling of semi-gritty material such as Broken Stone, Screened Gravel, etc.



List Price and Dimensions

Chain No.	List Price Per Foot	Style	A Pitch In.	Average Weight Per Foot Lbs.	Working Strength at 150 F. P. M. †	Max. Speed F.P.M. §	Average Ultimate Strength Lbs.	Works on Sprockets No.	B Width of Side Bar In.	C Thickness of Side Bar In.	D In.	E Dia. of Rivet In.	F Width Inside In.	G Overall In.
560	\$1.25	A	6	4.2	750	200	19650	560	1 1/4	1/4	1	1 1/2	5 1/4	7 3/4
560	1.85	C	6	7.0	1500	200	39300	560	1 1/4	1/4	1	1 1/2	5 1/4	8 3/4
595	1.55	A	6	7.8	1400	200	30650	595	1 1/2	3/8	1 3/8	5/8	5 1/8	8 1/8
595	2.40	C	6	12.9	2800	200	61300	595	1 1/2	3/8	1 3/8	5/8	5 1/8	9 1/8
566	1.20	A	8	4.3	750	175	19650	566	1 1/2	1/4	1 1/2	1 1/2	6 1/4	8 3/4
566	1.80	C	8	7.5	1500	175	39300	566	1 1/2	1/4	1 1/2	1 1/2	6 1/4	9 3/4
564	1.35	A	8	7.0	1400	150	30650	566	1 1/2	3/8	1 3/8	5/8	6 1/8	9 1/8
564	2.00	C	8	12.0	2800	150	61300	566	1 1/2	3/8	1 3/8	5/8	6 1/8	10 1/8
570	1.40	A	10	7.1	1400	125	30650	570	1 1/2	3/8	1 3/8	5/8	9 3/8	12 1/8
570	2.10	C	10	11.9	2800	125	61300	570	1 1/2	3/8	1 3/8	5/8	9 3/8	14 1/8
562	1.60	A	10	9.5	1875	125	30650	562	1 1/2	1 1/2	1 3/4	5/8	9 1/8	12 1/8
562	2.50	C	10	12.6	3750	125	61300	562	1 1/2	1 1/2	1 3/4	5/8	9 1/8	14 1/8
572 1/2	1.60	A	10	9.7	1690	125	44150	572 1/2	2	3/8	1 1/4	3/4	9 1/8	12 1/8
572 1/2	2.50	C	10	15.8	3375	125	88300	572 1/2	2	3/8	1 1/4	3/4	9 1/8	14 1/8
571	2.00	A	10	12.9	2260	125	44000	571	2	1 1/2	1 3/4	3/4	7 1/8	12 1/8
571	3.10	C	10	21.3	4520	125	88000	571	2	1 1/2	1 3/4	3/4	7 1/8	14 1/8
592	2.40	A	10	16.4	2815	125	44000	592	2	5/8	2 1/8	3/4	9 1/8	13 1/8
592	3.60	C	10	26.6	5625	125	88000	592	2	5/8	2 1/8	3/4	9 1/8	16 1/8

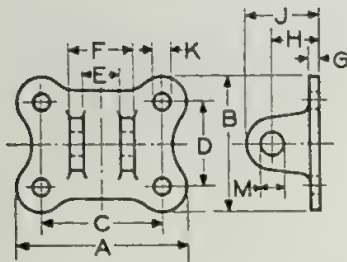
†Working Strengths in Table are increased or decreased for speeds other than 150 feet per minute, see page 121.

§Economical speeds are not over 100 feet per minute.

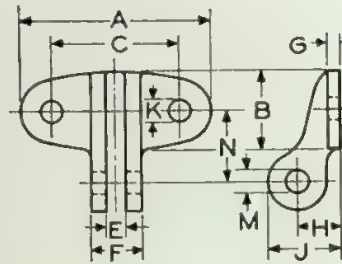
For List of Sprockets, see pages 146-147 for Cast Iron and page 159 for Cast Steel

Jeffrey Swivel Chain Attachments

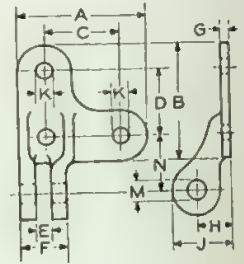
Swivel Bucket and Flight Wings and Pipe Attachments



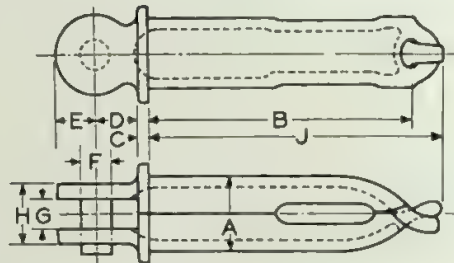
A Bucket Wing



C Flight Wing



M Flight Wing



T Pipe Attachment

List Price and Dimensions

Style A Bucket Wing

No. *	List Price Each †	Av. Wgt. Each Lbs.	Dimensions in Inches											Works with
			A	B	C	D	E	F	G	H	J	K Bolts	M Rivet		N
7A	\$0.75	1.40	5	3 1/4	4	2 1/4	1 7/8	2 7/8	5/16	1 1/2	3/8	1/2	.....	A-53 on 730
24A	.50	.73	4	2 3/4	3	1 3/4	1 1/8	1 1/4	3/4	1 1/4	5/16	5/8	.....	A-43 on 823
25A	.75	1.45	4 1/2	3 1/8	3 1/2	2 1/4	1 1/2	1 1/4	1/2	1 1/4	1 1/8	5/8	.....	A-42 on 526, 1126 and 1126C.
26A	.75	1.40	5 1/8	3 3/8	4	2 1/8	1 1/8	2 1/8	5/16	3/2	1 1/8	1/2	.....	A-53 on 631

C Flight Wing

2C	\$0.85	2.10	5	2	3 1/2	.....	5/8	1 3/8	5/16	2 5/8	3 5/8	1/2	5/8	1 1/8	A-42 on 1130
6C	.40	.42	3 3/4	1 1/2	2 1/2	.....	3/8	1	3/8	1 1/8	1 3/8	3/8	3/8	1 3/8	{ A-42 on 9 1/2, 9 1/2 Sp., 14, 14 1/2, 17, and 18, also A-1 on 78R.
22C	.50	.66	4 1/8	1 1/2	3 1/8	.....	1/8	1 3/8	1/4	1	1 5/8	3/8	1/2	1 1/2	A-42 on 2, 2 Sp., 506 and 516.
23C	.70	1.32	4 5/8	2	3 1/2	.....	1/2	1 3/8	1/4	1 1/4	2 1/8	3/8	5/8	1 1/2	{ A-42 and A-53 on 3, 3 1/2, 126, 126C, 1126, and 1126C, A-42 on 156, 156C, 516 1/2, 518, 1007 and 3007, A-53 on 116 and 116 1/2.

M Flight Wing

1M	\$0.55	.80	3 1/8	3 1/8	1 3/4	1 3/4	3/8	1 1/8	1/4	1	1 1/8	3/8	1/2	1 1/2	A-42 on 14 and 14 1/2
2M	.65	1.14	3 5/8	3 5/8	2 1/4	2 1/4	1/2	1 3/8	1/4	1 1/4	2 1/8	3/8	5/8	1 1/2	{ A-42 and A-53 on 126 and 126C. A-42 on 156, 156C, 526 and 558.

T Pipe Attachment

9T1-2	\$0.50	.30	1	3 1/8	1/8	1 1/8	5/16	7/16	3/8	2 1/2	3 1/2	.....	.....	.....	A-42 on 9 1/2, 9 1/2 Sp., 17 and 18
11T1-2	.55	.88	1 1/4	4 1/8	1/8	1 1/8	3/8	7/16	3/8	2 1/2	3 1/2	.....	.....	.....	{ A-42 on 2, 2 Sp., 14 and 14 1/2, 506 and 516.
13T1-2	.70	1.10	1 1/2	4 1/8	3/8	1	1 1/8	1/2	7/16	1 1/8	4 1/8	.....	.....	.....	A-42 on 2, 2 Sp., 14, 14 1/2 and 516.
14T1-2	.70	1.16	1 1/2	4 1/8	3/8	1	1 1/8	1/2	7/16	1 1/8	4 1/8	.....	.....	.....	{ A-42 on 3, 126, 126C, 156, 156C, 516 1/2 and 518.

*All Sizes listed are Carried in Stock.

†Prices cover loose attachments but no extra charge is made for assembly to chain.

Jeffrey Chains

To Increase or Decrease Working Strength of Any Jeffrey Chains Relative to Speeds

Example—No. 102 Hercules Chain (Page 35) is listed at 2500 lbs. for 150 feet speed per minute. To obtain the working strength at 100 feet speed, multiply the working strength at 150 feet by the 1.05 Multiplier opposite 100 feet per minute in the table below. Thus 1.05 times 2500 lbs. is 2625 lbs. working strength at 100 feet speed per minute. For the same chain running at about its maximum speed of 440 feet per minute, the Working Strength will be .71 (from table) times 2500 lbs. or 1775 lbs.

Speed, Feet per Min.	Multiplier	Speed, Feet per Min.	Multiplier	Speed, Feet per Min.	Multiplier
20	1.13	280	.87	540	.61
40	1.11	300	.85	560	.59
60	1.09	320	.83	580	.57
80	1.07	340	.81	600	.55
100	1.05	360	.79	620	.53
120	1.03	380	.77	640	.51
140	1.01	400	.75	660	.49
160	.99	420	.73	680	.47
180	.97	440	.71	700	.45
200	.95	460	.69	720	.43
220	.93	480	.67	740	.41
240	.91	500	.65	760	.39
260	.89	520	.63	780	.37
				800	.35

Before applying the above Table note the Limitation of Maximum and especially the **Economical Speeds** given in tabulated list of the chain used. Note also the final reduction of Working Strengths when chain is used in very **hard** service.

To obtain a chain for a given Horse Power and Speed. Multiply the number of horse power by 33,000 and divide by the speed in feet per minute. The result will be the working strength of a chain corresponding to that speed.

Substitute Chains which work over Sprockets made for Detachable Chains

Substitute Chains	Detachable Chain Sprockets													
	34	42	45	52	55	57	62	76½	77	88	103	108	114	124
Detachable {		042	35 45 Keeper 47		55 Keeper	67	62½ 72½	075		75 78				
Mey Oborn		42		52	55		62		77½	88	103			
Hercules										188	131	111	214	
Reliance {										74 78	82			
Pintle	34H			1152	1155		1162				4103			
Atlas												710		
Malleable Roller {							62							
Steel Thimble Roller {									1094	433½	SS40 120		301	SS124

Jeffrey Chains

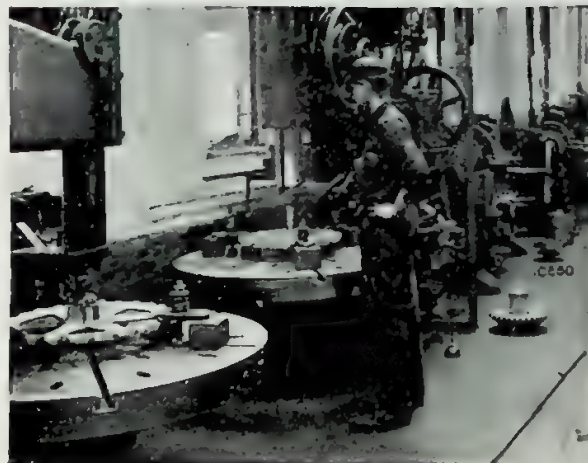
List of Jeffrey Chains which work over the same Sprockets

Pitch of Chain Inches	Chain No. Sprocket Listed Under	Detachable	Mey-Oborn	Hercules	Reliance	Pintle	Atlas	Mall. Roller	Steel Thimble Roller	Vulcan	Flat and Round	Steel Drag
1.375	42 Det	042	42									
1.398	34 Det					34H						
1.506	52 Det		52			1152			1192			
1.630	45 Det	35 45 Keeper 47										
1.631	55 Det	55 Keeper	55			1155						
1.654	62 Det	62½ 72½	62			1162		62	1193			
2.073	76½ Det	075										
2.297			77½						1094			
2.308	57 Det	67										
2.308	60 Rel.				60H							
2.56	17 S T R								SS 520			
2.609	88 Det	75 78	88	188	74 78				433½			
2.98	1 M R								27 Sp			
2.98	1½ M. R.					1090						
2.98	9½ M. R.							9½ Sp.				
3.075	103 Det		103	131	82	4103			SS 40 120			
3.250	114 Det			214					301			
3.507	1114 STR								234 1234			
3.96	102-B Her			102								
4.00	527½ Vul.									1127		
4.063	124 Det								SS 124			
4.72	108 Det						710					
6.00	126 M. R.							156	1126			
6.00	126C M R							156C	116½ 951 1126C			
6.00	1007 STR								3007			
6.00	313 Vul.									313½		
6.00	327 Vul.									1219		
6.00	526 Vul.									211 241 1132		
8.00	119 Vul.									588		
8.00	518 F&R										519	
8.00	566 Drag											564
9.00	809 STR								982 1199			
12.00	180 STR								276 1078 1095 1107 1233			
18.00	182 STR								182½ 1105 1844			
18.00	1018 STR								1168			
18.00	1087 STR								1244			
18.00	1092 STR								1187-1197 1855-1866			
24.00	987 STR								1093-1164 1169-1170 1184-1198 2455-2466			
30.00	1072 STR								1150 1175			
30.00	1076 STR								1076½			
30.00	1178 STR								1185 1186			

Jeffrey Sprockets



Section of Foundry showing how Jeffrey Sprocket Wheels are cast.



Machine Room where hubs of Sprockets are bored and faced.

JEFFREY Sprocket Wheels are made in various kinds and sizes to meet every service requirement. The careful attention and inspection employed in their manufacture, as to boring, facing and keyseating, means that all wheels when keyed in place will properly fit their shafts, and will also revolve true and free from wobble.

In ordinary service covering the greater number of cases, a good grade of cast iron

has been found satisfactory. However, where the service is severe, especially on small, fast running sprockets, chilling the rim and teeth adds greatly to the wearing qualities.

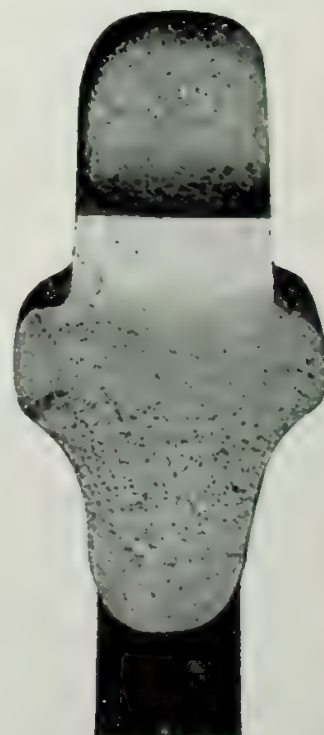
In cases where not only wear but heavy shock in driving is encountered, it is common practice to cast the sprockets in steel, thereby retaining the high wearing quality while more than doubling the strength.

“Chilled Rim” Sprocket Wheels

Unless otherwise ordered, Jeffrey Sprocket Wheels are made of high-grade refined Cast Iron. Sprockets which can be furnished with chilled teeth are marked with (*).

The chilling process renders the rim and teeth of the sprockets extremely hard and flint like, to a depth of about $\frac{3}{8}$ inch. The wearing surface is left exceptionally smooth.

Chilled Rim Sprockets are especially adapted to severe service such as handling materials in Cement Mills; Phosphates, Crushed Stone, Ashes, Sand, Gravel and other abrasive materials.



Cross-section of Jeffrey Chilled Rim Sprocket—the whitened surface showing the depth of the Hardened Rim.

Jeffrey Sprocket Wheels

Bored, Keyseated, Set screwed



Solid Sprocket Wheel



Split Sprocket Wheel



Plate Center Wheel

To Specify Sprockets, we must have

1. Speed and Size of Shafts.
2. Kind and Amount of Power.
3. Distance between Shaft Centers.
4. Clearance about Shafts and Sprockets.

In Ordering Sprockets from Catalog, give—

1. Pitch "Diam. Inches."
2. Number of Teeth.
3. Chain Number and Kind.
4. Pattern Number.
5. Shaft Size.
6. If Hub special, give sketch.
7. Driver, Driven or Perfect.
8. Keyseated or Set Screwed (or both.)
9. Keyway (unless Jeffrey Standard as given below.)

Special Features:

10. Cast Iron furnished when not specified.
11. Plain Cast Iron Teeth furnished unless specified "Chilled".
12. Hub and Rim furnished not split unless specified.

A Driving Sprocket (marked DG on casting) is made to transfer power from the wheel to the chain;—a Driven Sprocket (marked DN on casting) to transfer power from the chain to the wheel,—a Perfect Sprocket (marked Per on casting) can be used either as a Driving or Driven Sprocket.

A Driving Sprocket is ordinarily made **somewhat larger** than an exact fit to the chain, while a Driven Sprocket is made **slightly smaller**.

In the case of both Driving and Driven Sprockets but one tooth at a time takes the chain pull and transfers it to each successive tooth as the wheel rotates—and this tooth is the one just in the act of leaving the chain.

Standard Hubs

Hubs of suitable diameter, as determined by long experience, are furnished to conform to the bore of the wheel.

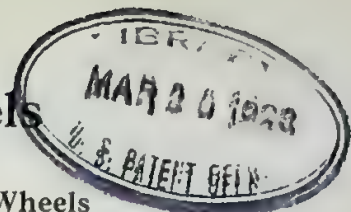
If for any reason hubs should be specified larger than standard, an extra charge for this will be made, based on additional cost.

Dimensions of Hubs

Bore		$1\frac{1}{16}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$2\frac{1}{8}$	$2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	$3\frac{1}{8}$	$3\frac{1}{2}$	$4\frac{1}{4}$
Hub	Diam.	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	$3\frac{3}{4}$	4	$4\frac{1}{2}$	$4\frac{3}{4}$	$5\frac{1}{4}$	6	$6\frac{3}{4}$	$7\frac{1}{4}$	$7\frac{3}{4}$
	Length	2	$2\frac{1}{2}$	3	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$4\frac{3}{4}$	$4\frac{3}{4}$	5	$5\frac{1}{4}$	6	$6\frac{3}{4}$	$7\frac{3}{4}$
Diam. Set Screw		$\frac{3}{8}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$
Key	Width	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
	Thickness	$\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{1}{2}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
Bore		$4\frac{1}{16}$	$4\frac{1}{8}$	$5\frac{1}{8}$	$5\frac{1}{4}$	$5\frac{1}{2}$	$6\frac{1}{2}$	7	$7\frac{1}{2}$	8	$8\frac{1}{2}$	9	$9\frac{1}{2}$	$10\frac{1}{2}$
Hub	Diam.	$7\frac{3}{4}$	$8\frac{1}{4}$	$8\frac{1}{2}$	$9\frac{1}{4}$	10	$10\frac{1}{2}$	$11\frac{1}{2}$	12	$12\frac{3}{4}$	$13\frac{1}{4}$	$14\frac{1}{2}$	15	$15\frac{1}{2}$
	Length	$7\frac{1}{4}$	$7\frac{1}{2}$	8	$8\frac{3}{4}$	9	$9\frac{3}{4}$	$10\frac{1}{2}$	$11\frac{1}{4}$	12	$12\frac{3}{4}$	$13\frac{1}{2}$	$14\frac{1}{2}$	$15\frac{1}{4}$
Diam. Set Screw		$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	$\frac{7}{8}$	1	1	1	1	1	1	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$
Key	Width	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{3}{4}$	2	2	$2\frac{1}{4}$	$2\frac{1}{4}$	$2\frac{1}{4}$
	Thickness	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{3}{8}$	$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$	$1\frac{3}{4}$

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Jeffrey Sprocket Wheels



Extra Charges on Sprocket and Traction Wheels

WE list below, the extra prices to be added to regular wheel prices when something different from the standard wheel is wanted. These are list prices, subject to discounts.

Split Wheels

The following additions apply only to wheels with bores not exceeding the "Largest Bore at Regular Prices", and hub lengths not exceeding the standard indicated on page 124.

Additions to List Prices for furnishing CAST IRON Wheels Split

Pitch Diam., Inches	Bores of Wheels, in Inches														
	1 $\frac{3}{16}$ "	1 $\frac{7}{16}$ "	1 $\frac{11}{16}$ "	1 $\frac{15}{16}$ "	2 $\frac{3}{16}$ "	2 $\frac{7}{16}$ "	2 $\frac{11}{16}$ "	2 $\frac{15}{16}$ "	3 $\frac{1}{16}$ "	3 $\frac{15}{16}$ "	4 $\frac{1}{16}$ "	4 $\frac{15}{16}$ "	5 $\frac{1}{16}$ "	5 $\frac{15}{16}$ "	6 $\frac{1}{16}$ "
Up to 7 $\frac{7}{8}$ "	\$2.60	\$2.80	\$3.00	\$3.20	\$3.40	\$3.60									
8"-11 $\frac{7}{8}$ "	3.20	3.40	3.60	3.80	4.00	4.20	\$4.60	\$5.00	\$5.80						
12"-17 $\frac{7}{8}$ "	4.00	4.20	4.40	4.60	4.80	5.00	5.40	5.80	6.60	\$7.40	\$8.40	\$9.60			
18"-23 $\frac{7}{8}$ "		5.00	5.20	5.40	5.60	5.80	6.20	6.60	7.40	8.20	9.20	10.40	\$11.80		
24"-29 $\frac{7}{8}$ "		5.80	6.00	6.20	6.40	6.60	7.00	7.40	8.20	9.00	10.00	11.20	12.60	\$14.20	\$16.00
30"-35 $\frac{7}{8}$ "		6.80	7.00	7.20	7.40	7.60	8.00	8.40	9.20	10.00	11.00	12.20	13.60	15.20	17.00
36"-41 $\frac{7}{8}$ "		7.80	8.00	8.20	8.40	8.60	9.00	9.40	10.20	11.00	12.00	13.20	14.60	16.20	18.00
42"-47 $\frac{7}{8}$ "				9.60	9.80	10.00	10.40	10.80	11.60	12.40	13.40	14.60	16.00	17.60	19.40
48"-53 $\frac{7}{8}$ "				11.40	11.60	11.80	12.20	12.60	13.40	14.20	15.20	16.40	17.80	19.40	21.20
54"-59 $\frac{7}{8}$ "							14.20	14.60	15.40	16.20	17.40	18.80	20.40	22.20	24.20
60"-65 $\frac{7}{8}$ "								16.80	17.60	18.80	20.20	21.80	23.60	25.60	27.80
66"-71 $\frac{7}{8}$ "								19.20	20.20	21.60	23.20	25.00	27.00	29.20	31.60
72"-79 $\frac{7}{8}$ "								21.80	23.00	24.60	26.40	28.40	30.60	33.00	35.60

Additions to List Prices for furnishing CAST STEEL Wheels Split

Pitch Diam., Inches	Bores of Wheels, in Inches														
	1 $\frac{3}{16}$ "	1 $\frac{7}{16}$ "	1 $\frac{11}{16}$ "	1 $\frac{15}{16}$ "	2 $\frac{3}{16}$ "	2 $\frac{7}{16}$ "	2 $\frac{11}{16}$ "	2 $\frac{15}{16}$ "	3 $\frac{1}{16}$ "	3 $\frac{15}{16}$ "	4 $\frac{1}{16}$ "	4 $\frac{15}{16}$ "	5 $\frac{1}{16}$ "	5 $\frac{15}{16}$ "	6 $\frac{1}{16}$ "
Up to 7 $\frac{7}{8}$ "	10.40	11.20	12.00	\$12.80	\$13.80	\$14.80									
8"-11 $\frac{7}{8}$ "	12.80	13.60	14.40	15.20	16.20	17.20	\$18.40	\$19.80	\$21.80						
12"-17 $\frac{7}{8}$ "	16.00	16.80	17.60	18.40	19.40	20.40	21.60	23.00	25.00	\$27.60	\$30.40	\$34.00			
18"-23 $\frac{7}{8}$ "		20.00	20.80	21.60	22.60	23.60	24.80	26.20	28.20	30.80	33.60	37.20	\$41.60		
24"-29 $\frac{7}{8}$ "		23.20	24.00	24.80	25.80	26.80	28.00	29.40	31.40	34.00	36.80	40.40	44.80	\$50.00	\$56.00
30"-35 $\frac{7}{8}$ "		27.20	28.00	28.80	29.80	30.80	32.00	33.40	35.40	38.00	40.80	44.40	48.80	54.00	60.00
36"-41 $\frac{7}{8}$ "		31.20	32.00	32.80	33.80	34.80	36.00	37.40	39.40	42.00	44.80	48.40	52.80	58.00	64.00
42"-47 $\frac{7}{8}$ "				38.40	39.40	40.40	41.60	43.00	45.00	47.60	50.40	54.00	58.40	63.60	69.60
48"-53 $\frac{7}{8}$ "				45.60	46.60	47.60	48.80	50.20	52.20	54.80	57.60	61.20	65.60	70.80	76.80
54"-59 $\frac{7}{8}$ "							56.80	58.20	60.20	62.80	65.60	69.40	74.00	79.40	85.60
60"-65 $\frac{7}{8}$ "								67.00	69.00	71.80	75.00	79.20	84.20	90.00	96.60
66"-71 $\frac{7}{8}$ "								76.60	78.80	82.00	85.60	90.40	96.00	102.40	109.60
72"-79 $\frac{7}{8}$ "								86.80	89.80	93.60	97.80	103.40	109.80	117.00	125.00

Plate Centers

To determine the foundation list price for a plate center wheel, not so listed, add to the list on standard wheel the percentage increase given below. If any other "extras" are required by the specifications they should be added afterwards (so as not to be subject to the percentage increase).

When the calculated list price for plate center is less than \$4.00, use the nearest 5 cent figure: for instance, \$3.77 would become \$3.75. When over \$4.00 and not an even 10 cent figure, use next higher 10 cent figure: for instance, \$4.53 would become \$4.60.

Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase	Pitch Diameter, Inches	Percentage Increase
Up to 13 $\frac{7}{8}$ "	20%	24-25 $\frac{7}{8}$ "	34%	36-37 $\frac{7}{8}$ "	54%	48-49 $\frac{7}{8}$ "	78%
14-15 $\frac{7}{8}$ "	22%	26-27 $\frac{7}{8}$ "	37%	38-39 $\frac{7}{8}$ "	58%	50-51 $\frac{7}{8}$ "	82%
16-17 $\frac{7}{8}$ "	24%	28-29 $\frac{7}{8}$ "	40%	40-41 $\frac{7}{8}$ "	62%	52-53 $\frac{7}{8}$ "	86%
18-19 $\frac{7}{8}$ "	26%	30-31 $\frac{7}{8}$ "	43%	42-43 $\frac{7}{8}$ "	66%	54-55 $\frac{7}{8}$ "	90%
20-21 $\frac{7}{8}$ "	28%	32-33 $\frac{7}{8}$ "	46%	44-45 $\frac{7}{8}$ "	70%	56-57 $\frac{7}{8}$ "	95%
22-23 $\frac{7}{8}$ "	31%	34-35 $\frac{7}{8}$ "	50%	46-47 $\frac{7}{8}$ "	74%	58-60	100%

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Facing Hubs

OUR regular list prices include facing one hub but not to a specified dimension. When hubs are wanted faced to a specified dimension, the following extras will be added to list prices.

Cast Iron Wheels

Facing One Side of Hub to a Specified Dimension

Pitch Diameter, Inches	Bores of Wheels, in Inches						
	$1\frac{1}{16}"-1\frac{3}{16}"$	$1\frac{7}{16}"-1\frac{11}{16}"$ $1\frac{11}{16}"$	$2\frac{3}{16}"-2\frac{7}{16}"$ $2\frac{11}{16}"$	$2\frac{15}{16}"-3\frac{1}{16}"$ $3\frac{11}{16}"$	$4\frac{7}{16}"-4\frac{11}{16}"$	$5\frac{7}{16}"-5\frac{11}{16}"$	$6\frac{7}{16}"-6\frac{11}{16}"$
Up to $17\frac{7}{8}"$	\$0.20	\$0.30	\$0.40	\$0.60	\$0.80	\$1.00	.....
$18"-30\frac{3}{8}"$50	.60	.80	1.00	1.20	\$2.00
$31"-47\frac{7}{8}"$70	.80	1.00	1.20	1.40	2.00
$48"-57\frac{7}{8}"$	1.00	1.00	1.20	1.40	1.60	2.00
$58"-69\frac{3}{8}"$	1.40	1.60	1.80	2.00	2.00
$70"-79\frac{3}{8}"$	1.80	2.00	2.20	2.40	2.40
$80"-120"$	2.40	2.60	2.80	2.80

Facing Both Sides of Hub to Specified Dimensions

Up to $17\frac{7}{8}"$	\$0.60	\$0.80	\$1.00	\$1.40	\$1.80	\$2.20	.....
$18"-30\frac{3}{8}"$	1.00	1.40	1.60	2.00	2.40	2.80	\$4.00
$31"-47\frac{7}{8}"$	.....	2.00	2.20	2.60	3.00	3.40	4.40
$48"-57\frac{7}{8}"$	.....	.....	2.80	3.20	3.60	4.00	4.80
$58"-69\frac{3}{8}"$	.....	.....	3.40	3.80	4.20	4.60	5.20
$70"-79\frac{3}{8}"$	.....	.....	4.00	4.40	4.80	5.20	5.60
$80"-120"$	.....	.....	.....	5.00	5.40	5.80	6.20

Cast Steel Wheels

Facing One Side of Hub to a Specified Dimension

Up to $17\frac{7}{8}"$	\$0.40	\$0.60	\$0.80	\$1.00	\$1.40	\$1.80	.....
$18"-30\frac{3}{8}"$	.....	.80	1.00	1.20	1.60	2.00	\$3.00
$31"-47\frac{7}{8}"$	.....	1.20	1.40	1.60	2.00	2.40	3.00
$48"-57\frac{7}{8}"$	.....	1.60	1.80	2.00	2.40	2.80	3.20
$58"-69\frac{3}{8}"$	.....	.....	2.20	2.40	2.80	3.20	3.20
$70"-79\frac{3}{8}"$	.....	.....	2.60	2.80	3.20	3.60	3.60
$80"-120"$	.....	.....	.....	3.20	3.60	4.00	4.00

Facing Both Sides of Hub to Specified Dimensions

Up to $17\frac{7}{8}"$	\$1.20	\$1.60	\$2.00	\$2.40	\$2.80	\$3.20	.....
$18"-30\frac{3}{8}"$	.....	2.60	3.00	3.40	3.80	4.20	\$5.80
$31"-47\frac{7}{8}"$	.....	3.60	4.00	4.40	4.80	5.20	6.60
$48"-57\frac{7}{8}"$	.....	.....	5.00	5.40	5.80	6.20	7.40
$58"-69\frac{3}{8}"$	.....	.....	6.00	6.40	6.80	7.20	8.20
$70"-79\frac{3}{8}"$	.....	.....	7.00	7.40	7.80	8.20	9.00
$80"-120"$	.....	.....	.....	.....	8.80	9.20	9.80

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Extra Lengths of Hubs

THE following list gives the amount to be added to the list price of the Wheel for each extra inch (or fraction of inch) of hub length wanted, longer than standard indicated.

Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length		Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length	
	Cast Iron Wheels	Cast Steel Wheels		Cast Iron Wheels	Cast Steel Wheels
$1\frac{1}{16}$ "	\$0.20	\$0.60	$3\frac{7}{16}$ "	\$1.80	\$4.20
$1\frac{1}{8}$ "	.30	.90	$3\frac{1}{2}$ "	2.00	4.60
$1\frac{1}{4}$ "	.40	1.20	$4\frac{7}{16}$ "	2.20	5.00
$1\frac{3}{8}$ "	.50	1.50	$4\frac{1}{2}$ "	2.60	5.60
$1\frac{1}{2}$ "	.60	1.80	$5\frac{7}{16}$ "	3.00	6.20
$2\frac{3}{16}$ "	.80	2.20	$5\frac{1}{2}$ "	3.40	6.80
$2\frac{1}{4}$ "	1.00	2.60	$6\frac{7}{16}$ "	3.80	7.40
$2\frac{1}{2}$ "	1.20	3.00	$6\frac{1}{2}$ "	4.20	8.00
$2\frac{3}{4}$ "	1.40	3.40			

Large Bores

In the following table the first column enumerates the various items of "Largest Bore at Regular Prices", taken from the standard wheel lists. The extra charges for larger bores are based on furnishing hubs of larger diameter, but not greater length than those listed as standard. The larger diameter of hub will conform to our established standard for the sizes of shaft and wheel involved. If a still larger diameter is required, an extra charge will be made, based on the extra cost.

Large Bores for CAST IRON Wheels

When Listed Bore Is	Add to List Price for Larger Bore as Below														
	$1\frac{3}{16}$ "	$1\frac{7}{16}$ "	$1\frac{11}{16}$ "	$1\frac{15}{16}$ "	$2\frac{3}{16}$ "	$2\frac{7}{16}$ "	$2\frac{11}{16}$ "	$2\frac{15}{16}$ "	$3\frac{1}{16}$ "	$3\frac{5}{16}$ "	$4\frac{1}{16}$ "	$4\frac{5}{16}$ "	$5\frac{1}{16}$ "	$5\frac{5}{16}$ "	$6\frac{1}{16}$ "
$1\frac{1}{16}$ "	\$0.20	\$0.60	\$1.00	\$1.60	\$2.20										
$1\frac{1}{8}$ "		.40	.80	1.40	2.00	\$2.60									
$1\frac{1}{4}$ "			.60	1.20	1.80	2.40	\$3.00	\$3.60	\$5.00	\$6.80					
$1\frac{3}{8}$ "				.60	1.20	2.00	2.60	3.20	4.60	6.40					
$1\frac{1}{2}$ "					.60	1.40	2.20	2.80	4.20	6.00	\$ 8.00	\$10.40			
$2\frac{3}{16}$ "						.80	1.60	2.20	3.60	5.00	7.80	10.20	\$13.20		
$2\frac{1}{4}$ "							.80	1.60	3.00	4.80	7.40	9.80	13.00	\$16.60	
$2\frac{1}{2}$ "								1.00	2.40	4.20	6.80	9.20	12.60	16.40	\$20.80
$2\frac{3}{4}$ "									1.60	3.40	6.00	8.40	12.00	16.00	\$20.20
$3\frac{1}{16}$ "										2.40	5.60	7.40	11.00	15.20	\$19.20
$3\frac{1}{8}$ "											3.20	6.00	9.60	14.00	\$17.80
$3\frac{1}{4}$ "												4.20	7.80	12.20	\$16.00
$3\frac{3}{8}$ "													5.40	9.80	\$13.80
$3\frac{1}{2}$ "														6.60	\$11.20
$3\frac{5}{8}$ "															\$ 8.00
$3\frac{3}{4}$ "															\$ 9.60

Large Bores for CAST STEEL Wheels

When Listed Bore Is	Add to List Price for Larger Bore as Below														
	$1\frac{3}{16}$ "	$1\frac{7}{16}$ "	$1\frac{11}{16}$ "	$1\frac{15}{16}$ "	$2\frac{3}{16}$ "	$2\frac{7}{16}$ "	$2\frac{11}{16}$ "	$2\frac{15}{16}$ "	$3\frac{1}{16}$ "	$3\frac{5}{16}$ "	$4\frac{1}{16}$ "	$4\frac{5}{16}$ "	$5\frac{1}{16}$ "	$5\frac{5}{16}$ "	$6\frac{1}{16}$ "
$1\frac{1}{16}$ "	\$0.40	\$1.20	\$2.00	\$3.20	\$4.40										
$1\frac{1}{8}$ "		.80	1.60	2.80	4.00	\$5.20									
$1\frac{1}{4}$ "			1.20	2.40	3.60	4.80	\$6.00	\$7.20	\$9.80	\$13.00					
$1\frac{3}{8}$ "				1.20	2.40	4.00	5.20	6.40	9.00	12.40	\$15.80				
$1\frac{1}{2}$ "					1.20	2.80	4.40	5.60	8.20	11.60	15.40	\$19.40			
$2\frac{3}{16}$ "						1.60	3.20	4.40	7.00	10.40	14.80	19.00	\$24.20		
$2\frac{1}{4}$ "							1.60	3.20	5.80	9.20	14.00	18.20	23.80	\$30.00	
$2\frac{1}{2}$ "								2.00	4.60	8.00	12.80	17.00	23.00	29.60	\$36.80
$2\frac{3}{4}$ "									3.00	6.40	11.20	15.40	21.80	28.80	\$36.40
$3\frac{1}{16}$ "										4.60	9.40	13.60	20.00	27.40	\$35.40
$3\frac{1}{8}$ "											6.20	11.20	17.60	25.40	\$33.80
$3\frac{1}{4}$ "												8.20	14.60	22.40	\$31.20
$3\frac{3}{8}$ "													10.40	18.20	\$26.60
$3\frac{1}{2}$ "														12.40	\$20.80
$3\frac{5}{8}$ "															\$14.40
$3\frac{3}{4}$ "															\$16.20

Jeffrey Sprocket Wheels

Extra Charges on Sprocket and Traction Wheels

Extra Key Seat or Set Screws

NO extra charge is made over regular price of wheel, for furnishing one straight keyseat, with two set screws over it, or one taper keyseat without set screws.

When a wheel is wanted with two keyseats, the extra charge for one extra keyseat will be as follows:

Extra Charge for One Extra Key Seat (Cast Iron Wheels)

Pitch Diameter, Inches	Bores of Wheels, in Inches											
	$1\frac{1}{16}"$ $1\frac{3}{16}"$	$1\frac{7}{16}"$ $1\frac{11}{16}"$	$1\frac{15}{16}"$ $2\frac{3}{16}"$	$2\frac{7}{16}"$ $2\frac{11}{16}"$	$3\frac{1}{16}"$ $3\frac{11}{16}"$	$3\frac{15}{16}"$	$4\frac{7}{16}"$	$4\frac{15}{16}"$	$5\frac{7}{16}"$	$5\frac{15}{16}"$	$6\frac{7}{16}"$	$6\frac{15}{16}"$
Up to $29\frac{7}{8}"$	\$0.90	\$1.00	\$1.10	\$1.20	\$1.60	\$2.00	\$2.40	\$3.00	\$3.60	\$4.20	\$4.60	\$5.00
30"- $39\frac{7}{8}"$		1.20	1.40	1.60	2.00	2.40	2.80	3.40	4.00	4.60	5.00	5.40
40"- $47\frac{7}{8}"$			1.80	2.00	2.40	2.80	3.20	3.80	4.40	5.00	5.40	5.80
48"- $59\frac{7}{8}"$				2.60	3.00	3.40	3.80	4.40	5.00	5.60	6.00	6.40
60"- $71\frac{7}{8}"$				3.20	3.60	4.00	4.40	5.00	5.60	6.20	6.60	7.00
72"-120"						5.00	5.60	6.20	6.80	7.40	8.00	8.60

Extra Charge for One Extra Key Seat (Cast Steel Wheels)

Up to $29\frac{7}{8}"$	\$1.50	\$1.60	\$1.80	\$2.20	\$2.60	\$3.00	\$3.40	\$4.00	\$4.60	\$5.20	\$5.80	\$6.40
30"- $39\frac{7}{8}"$		2.20	2.40	2.80	3.20	3.60	4.00	4.60	5.20	5.80	6.40	7.00
40"- $47\frac{7}{8}"$			3.00	3.40	3.80	4.20	4.60	5.20	5.80	6.40	7.00	7.60
48"- $59\frac{7}{8}"$				4.20	4.60	5.00	5.40	6.00	6.60	7.20	7.80	8.40
60"- $71\frac{7}{8}"$				5.20	5.60	6.00	6.40	7.00	7.60	8.20	8.80	9.40
72"-120"					6.60	7.00	7.60	8.40	9.20	10.00	10.80	11.60

When a wheel is wanted with more than two set screws the extra charge for each extra pair of set screws will be as follows:

Extra Charge for Each Extra Pair of Set-Screws (Cast Iron Wheels)

Pitch Diameter, Inches	Bores of Wheels, in Inches							
	$1\frac{1}{16}"$ - $1\frac{3}{16}"$	$1\frac{7}{16}"$ - $1\frac{11}{16}"$	$1\frac{15}{16}"$ - $2\frac{3}{16}"$	$2\frac{7}{16}"$ - $2\frac{11}{16}"$	$3\frac{1}{16}"$ - $4\frac{7}{16}"$	$4\frac{15}{16}"$ - $5\frac{7}{16}"$	$5\frac{15}{16}"$ - $6\frac{7}{16}"$	$6\frac{15}{16}"$
Up to $29\frac{7}{8}"$	\$0.60	\$1.00	\$1.40	\$1.80	\$2.20	\$2.60	\$3.00	\$3.60
30"- $39\frac{7}{8}"$		1.60	2.00	2.40	2.80	3.20	3.60	4.20
40"- $47\frac{7}{8}"$			3.80	4.20	4.60	5.00	5.40	6.00
48"- $59\frac{7}{8}"$				5.20	5.60	6.00	6.40	7.00
60"- $71\frac{7}{8}"$					6.60	7.00	7.40	8.00
72"-120"					7.60	8.00	8.40	9.00

Extra Charge for Each Extra Pair of Set Screws (Cast Steel Wheels)

Up to $29\frac{7}{8}"$	\$0.80	\$1.20	\$1.80	\$2.20	\$2.60	\$3.20	\$3.80	\$4.60
30"- $39\frac{7}{8}"$		2.00	2.60	3.00	3.40	4.00	4.60	5.40
40"- $47\frac{7}{8}"$			4.80	5.20	5.60	6.20	6.80	7.60
48"- $59\frac{7}{8}"$				6.40	6.80	7.40	8.00	8.80
60"- $71\frac{7}{8}"$					8.00	8.60	9.20	10.00
72"-120"					9.40	10.00	10.60	11.40

Extra Charge for Key Seating in Line or in a Definite Location, Cast Iron or Cast Steel Wheels

Up to $3\frac{1}{16}"$ bore.....	\$1.00	$5\frac{1}{16}"$ bore.....	\$2.40
$4\frac{1}{16}"$ bore up to 30" diameter.....	1.20	$6\frac{1}{16}"$ bore.....	2.60
$4\frac{7}{16}"$ bore above 30" diameter.....	2.00	$6\frac{15}{16}"$ bore.....	2.60
$5\frac{7}{16}"$ bore.....	2.40		

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 25							No. 32 Continued						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
4*	1 1/4	S-1200		\$ 2.00	1/2	1/4	28	10 1/4	S-3664		\$ 5.00	1 1/2	10
5*	1 1/2	S-1201		2.05	5/8	1/2	30	11	S-1290		5.30	1 3/8	11
6*	1 3/4	S-1202	S-1203	2.10	3/4	3/4	32	11 3/4	S-1291		5.60	1 1/2	12
7*	2P	S-1204	S-1204	2.15	3/4	1	33	12	S-1292		5.70	1 1/8	12 1/2
8*	2 1/4	S-1206	S-1207	2.20	3/4	1 1/4	34	12 1/2	S-1293		5.90	1 1/8	14
9*	2 1/2	S-1208	S-1209	2.25	3/4	1 1/2	36	13 1/4	S-1294	S-1295	6.20	1 1/8	15
10*	3	S-1210	S-1211	2.30	1 1/16	2	38	14	S-1296		6.50	1 1/8	16
11*	3 1/4	S-1212	S-1213	2.35	1 1/16	2 1/4	39	14 1/4	S-1297	S-1298	6.60	1 1/8	16 1/4
12*	3 1/2	S-1214	S-1215	2.40	1 1/16	2 1/2	41	15	S-1299		6.90	1 1/8	16 3/4
13*	3 3/4	S-3639	S-1216	2.50	1 1/16	2 3/4	43	15 3/4	S-1301		7.20	1 1/8	17 1/4
14*	4	S-1217	S-1218	2.60	1 1/16	3	44	16 1/4 P	S-1302	S-1302	7.40	1 1/8	18
15*	4 1/4 P	S-1219	S-1219	2.70	1 1/16	3 1/4	45	16 1/2 P	S-1303	S-1303	7.60	1 1/8	19
16*	4 1/2	S-1220	S-1221	2.80	1 1/16	3 3/4	48	17 1/2	S-1304		8.20	1 1/8	21
17*	5	S-1222	S-1223	2.90	1 1/16	4	49	18	S-1305	S-1306	8.40	1 1/8	21 1/2
18*	5 1/4	S-1224	S-1225	3.00	1 1/16	4 1/4	55	20 1/4 P	S-3666	S-3666	9.60	1 1/8	26 1/2
20*	5 3/4	S-1226	S-1227	3.20	1 1/8	4 3/4	59	21 1/2	S-1308		10.40	1 1/8	29
21*	6	S-1228	S-1229	3.30	1 1/8	5	65	23 3/4	S-3665		11.20	1 1/8	34
22*	6 1/4	S-1230	S-1231	3.40	1 1/8	5 1/4	No. 33						
23*	6 1/2	S-1232		3.50	1 1/8	5 1/2	5*	2 1/4	S-1309	S-1310	\$ 2.50	3/4	2 1/4
24*	7	S-1233	S-1234	3.60	1 1/8	5 3/4	6*	2 3/4	S-3672	S-1311	2.60	1 1/8	2 1/2
25	7 1/4 P	S-112	S-112	3.70	1 1/8	6	7*	3 1/4	S-1312	S-1313	2.70	1 1/8	3
26	7 1/2	S-1235	S-1236	3.80	1 1/8	6 1/4	8*	3 1/2	S-1314		2.80	1 1/8	3 1/2
27	7 3/4	S-1237		3.90	1 1/8	6 1/2	9*	4	S-1315	S-1316	2.90	1 1/8	4
28	8	S-1238	S-1239	4.00	1 1/8	6 3/4	10*	4 1/2	S-104	S-1317	3.00	1 1/8	4 1/2
30*	8 1/2	S-1240	S-1241	4.20	1 1/8	7 1/4	11*	5	S-1318	S-1319	3.10	1 1/8	5
35	10	S-1242	S-1243	4.70	1 1/8	8 1/4	12*	5 1/4	S-1320	S-1321	3.30	1 1/8	6
36	10 1/4	S-1244		4.80	1 1/8	8 1/2	13*	5 3/4 P	S-1322	S-1322	3.40	1 1/8	6 1/2
38	11	S-1245		5.00	1 1/8	9	14*	6 1/4	S-1323	S-1324	3.60	1 1/8	7
40	11 1/2	S-1246		5.20	1 1/8	9 1/2	15*	6 3/4	S-1325	S-1326	3.80	1 1/8	7 1/2
41	11 3/4	S-1247		5.30	1 1/8	9 3/4	16*	7 1/4	S-1327	S-1328	4.00	1 1/8	8
42	12	S-1248	S-1249	5.50	1 1/8	10	18*	8	S-1329	S-1330	4.30	1 1/8	9
43	12 1/4	S-1250		5.60	1 1/8	10 1/4	19	8 1/2	S-1331	S-1332	4.50	1 1/8	9 1/2
44	12 1/2	S-1251		5.70	1 1/8	10 1/2	22	9 3/4	S-1333	S-1334	5.00	1 1/8	11
45	13	S-1252		5.80	1 1/8	10 3/4	24	10 3/4	S-1335		5.40	1 1/8	12
48	13 3/4	S-1253	S-1254	6.10	1 1/8	11 1/4	26	11 1/2	S-1336		5.80	1 1/8	13
52	15	S-1255	S-1256	6.60	1 1/8	12 1/2	27	12	S-1337	S-1338	6.00	1 1/8	13 1/2
55	15 3/4	S-1257		6.90	1 1/8	13	28	12 1/2	S-1339		6.20	1 1/8	14 1/2
56	16	S-1258	S-1259	7.00	1 1/8	13 1/2	32	14 1/4	S-1340	S-1341	7.00	1 1/8	19
57	16 1/4	S-1260		7.10	1 1/8	13 3/4	34	15	S-1342	S-1343	7.40	1 1/8	20
64	18 1/4	S-3640	S-3641	8.00	1 1/8	17 3/4	36	16	S-1344	S-1345	7.80	1 1/8	28
70	20	S-3646		9.00	1 1/8	21 1/4	38	16 3/4	S-1346		8.20	1 1/8	29
77	22	S-3644	S-3645	10.20	1 1/8	22 1/2	41	18 1/4	S-1347	S-1348	8.80	1 1/8	30
84	25	S-3642	S-3643	11.40	1 1/8	24	42	18 3/4 P	S-1349	S-1349	9.00	1 1/8	31
No. 32							53	23 1/2	S-1350	S-1351	11.80	1 1/8	34
5*	2	S-1261		\$2.30	5/8	1	54	24	S-1352	S-1353	12.00	1 1/8	35
6*	2 1/4	S-1262	S-1263	2.40	3/4	1 1/4	67	29 3/4	S-3667		15.20	1 1/8	37
7*	2 1/2	S-1264		2.50	3/4	1 1/2	80	35 1/2	S-3669	S-3668	19.50	1 1/8	51
8*	3P	S-3661	S-3661	2.60	1 1/8	2	89	39 1/2	S-3670		22.70	1 1/8	59
9*	3 1/4	S-3660	S-1268	2.70	1 1/8	2 1/4	90	40	S-3671		23.10	1 1/8	61
10*	3 3/4 P	S-1269	S-1269	2.80	1 1/8	2 1/2	No. 34						
11*	4	S-1270	S-1271	2.90	1 1/8	3	7*	3 1/4	S-1354	S-1355	\$ 2.70	1 1/8	3
12*	4 1/2	S-1272	S-3663	3.00	1 1/8	3 3/4	9*	4P	S-1356	S-1356	2.90	1 1/8	4
13*	4 3/4 P	S-1273	S-1273	3.10	1 1/8	4	10*	4 1/2	S-1357		3.00	1 1/8	4 1/2
14*	5	S-1274	S-1275	3.20	1 1/8	4 1/4	12*	5 1/2	S-3674	S-1358	3.30	1 1/8	6
15*	5 1/2	S-1276		3.30	1 1/8	4 1/2	13*	5 3/4	S-1360	S-1361	3.40	1 1/8	6 1/2
16*	6	S-1277	S-1278	3.40	1 1/8	5	14*	6 1/4	S-1362		3.60	1 1/8	7
17*	6 1/4	S-1279		3.50	1 1/8	5 1/2	18	8	S-1363	S-1364	4.30	1 1/8	9
18*	6 1/2	S-1280		3.60	1 1/8	6 1/4	22	9 3/4	S-1365		5.00	1 1/8	11
19*	7	S-1281		3.80	1 1/8	6 1/2	27	12	S-1366	S-1367	6.00	1 1/8	13 1/2
20*	7 1/4 P	S-1282	S-1282	4.00	1 1/8	6 3/4	36	16	S-1368		7.80	1 1/8	28
22*	8	S-1283	S-1284	4.20	1 1/8	7 1/2	45	20	S-1369		9.80	1 1/8	32 1/2
23*	8 1/2	S-1285		4.30	1 1/8	7 3/4	54	24	S-1370		12.00	1 1/8	35
24*	8 3/4	S-1287		4.40	1 1/8	8 1/2	No. 35—Use No. 45						
25	9 1/4 P	S-1288	S-1288	4.50	1 1/8	9							
26	9 1/2	S-1289		4.60	1 1/8	9							

* Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 42 and 042							Nos. 45, 35, 43, 45 Keeper, 47, Continued.						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
5*	2 1/4	S-1371		\$ 2.70	1 1/8	1 1/2	27	14	S-1458	S-1459	\$ 7.80	1 1/8	23
6*	2 3/4	S-1372		2.80	1 1/8	2	28	14 1/2	S-1460	S-1461	8.00	1 1/8	24
7*	3 1/4	S-1373	S-1374	2.90	1 1/8	2 1/2	29	15	S- 328		8.30	1 1/8	25
8*	3 1/2 P	S-1375	S-1375	3.00	1 1/8	3	30	15 1/2 P	S-1463	S-1463	8.50	1 1/8	26
9*	4	S-1376	S-1377	3.10	1 1/8	3 1/2	31	16 1/4	S-1464	S-1465	8.80	1 1/8	27
10*	4 1/2	S-1378	S-1379	3.20	1 1/8	4 1/2	34	17 3/4 P	S-1466	S-1466	9.50	1 1/8	30
11*	5	S-1380	S-1381	3.30	1 1/8	5	35	18 1/4 P	S-1467	S-1467	9.80	1 1/8	31
12*	5 1/4	S-1382		3.40	1 1/8	7 1/2	36	18 3/4	S- 345	S-1469	10.10	1 1/8	32
13*	5 3/4	S-1383	S-1384	3.60	1 1/8	8	38	19 3/4 P	S-1470	S-1470	10.70	1 1/8	33
14*	6 1/4	S-1385	S-1386	3.80	1 1/8	9 1/2	39	20 1/4		S-1471	11.00	1 1/8	34
15*	6 1/2	S-1387	S-1388	4.00	1 1/8	10	40	20 3/4	S- 329		11.30	1 1/8	37
16*	7	S-1389		4.20	1 1/8	11	42	21 3/4	S-1472	S-1473	11.80	1 1/8	40
17*	7 1/2	S-1390	S-1391	4.40	1 1/8	12	44	23 P	S-1474	S-1474	12.40	1 1/8	43
18*	8	S- 337	S- 699	4.60	1 1/8	12 1/2	45	23 1/2	S-1475	S-1476	12.60	1 1/8	46
19*	8 1/4	S-1392		4.80	1 1/8	12 3/4	46	24	S-1477	S-1478	12.90	1 1/8	51
20	8 3/4	S-1393	S-1394	5.00	1 1/8	13	47	24 1/2	S-1479		13.20	1 1/8	55
21	9 1/4	S- 700		5.20	1 1/8	13 1/4	48	25	S-1480	S-1481	13.50	1 1/8	59
22	9 3/4	S-1395	S-1396	5.40	1 1/8	13 1/2	50	26	S-1482		14.00	1 1/8	62
23	10 1/4 P	S-4842	S-4842	5.60	1 1/8	13 3/4	54	28 P	S-1484	S-1484	15.40	1 1/8	65
24*	10 1/4	S- 383	S-1397	5.80	1 1/8	14	57	29 1/2	S-1485	S-1486	16.40	1 1/8	71
25*	11 P	S-1398	S-1398	6.00	1 1/8	14 1/2	58	30 1/4 P	S-1487	S-1487	16.80	1 1/8	73
26*	11 1/2 P	S-1399	S-1399	6.20	1 1/8	16	60	31	S-1488	S-1489	17.60	1 1/8	77
27	12	S-1400	S-1401	6.40	1 1/8	17	No. 45 Keeper, —Use No. 45						
28	12 1/4	S-1402		6.60	1 1/8	18	No. 47—Use No. 45						
29	12 3/4 P	S-1403	S-1403	6.80	1 1/8	19	No. 48						
30	13 1/4	S-1404		7.00	1 1/8	20	8*	5 1/4	S-1490		\$ 3.70	1 1/8	6
32	14	S-1405	S- 566	7.40	1 1/8	22	10*	6 1/2	S-1491		4.30	1 1/8	8
33	14 1/2	S-1406		7.60	1 1/8	23	12*	7 1/4	S-1492		4.90	1 1/8	9
36	15 3/4	S-1407	S-1408	8.20	1 1/8	26	18	11 3/4	S-1493		6.90	1 1/8	13
40	17 1/2	S-1409		9.10	1 1/8	30	27	17 1/2	S-1494		10.20	1 1/8	26
41	18 P	S-1410	S-1410	9.40	1 1/8	31	No. 50						
46	20	S-1411	S-1412	10.60	1 1/8	36	7*	3	S-3741	S- 3741	\$ 2.90	1 1/8	2 1/2
50	22	S-1413	S-1414	11.60	1 1/8	40	8*	3 3/4	S-1495	S-1496	3.00	1 1/8	3
53	23 1/4	S-1415		12.30	1 1/8	43	9*	4	S-1497	S-1498	3.10	1 1/8	3 1/2
55	24	S-1416		12.80	1 1/8	47	12*	5 1/2	S-1499		3.40	1 1/8	7 1/2
56	24 1/2	S-1417		13.00	1 1/8	50	14*	6 1/4	S-1500	S-1501	3.80	1 1/8	9 1/2
59	25 3/4	S-1418	S-1419	13.80	1 1/8	53	18*	8	S-1502		4.60	1 1/8	12 1/2
68	29 3/4	S-3694		16.00	1 1/8	65	34	9	S-1504		7.80	1 1/8	24
82	35 3/4	S-3695			1 1/8	78	38	16 3/4	S-1505		8.70	1 1/8	29
Nos. 45, 35, 43, 45 Keeper, 47							No. 51						
4*	2 1/4 P		S-1420	\$ 2.70	1 1/8	2	5*	2 P	S-1506	S-1506	\$ 2.50	3/4	1 1/2
5*	2 3/4	S-1421	S-1422	2.80	1 1/8	2 1/2	6*	2 1/4	S-1507		2.55	3/4	1 3/4
6*	3 1/4	S-1423	S-1424	2.90	1 1/8	3	7*	2 3/4	S-1508		2.60	3/4	2
7*	3 1/2	S-1121	S-1425	3.00	1 1/8	3 1/2	8*	3	S-1509	S-3336	2.70	1 1/8	2 1/4
8*	4 1/4	S-1426	S-1427	3.10	1 1/8	4	9*	3 1/2	S-1510		2.80	1 1/8	2 1/2
9*	4 3/4	S-1428	S-1429	3.20	1 1/8	5	10*	3 3/4	S- 124	S-1511	2.90	1 1/8	2 3/4
10*	5 1/4	S- 323		3.50	1 1/8	7	11*	4 1/4 P	S- 128	S- 128	3.00	1 1/8	3
11*	5 3/4	S-1430	S-1431	3.70	1 1/8	7 1/2	12*	4 1/2 P	S-1512	S-1512	3.10	1 1/8	3 1/4
12*	6 1/4	S-3268	S-1433	4.00	1 1/8	9	14*	5 1/4	S- 115	S-1513	3.30	1 1/8	4
13*	6 3/4	S- 324	S-1434	4.20	1 1/8	10	15*	5 1/2	S-1514		3.50	1 1/8	4 1/2
14*	7 1/4	S-1435	S-1436	4.40	1 1/8	11	16*	6 P	S-1515	S-1515	3.60	1 1/8	5
15*	7 3/4	S-1437	S-1438	4.70	1 1/8	12	17*	6 1/4	S-1516		3.80	1 1/8	5 1/2
16*	8 1/4	S-1439	S-1440	4.90	1 1/8	13	18*	6 3/4	S-1517		4.00	1 1/8	6
17*	9	S-1441	S-1442	5.10	1 1/8	14	20*	7 1/2	S-1518		4.20	1 1/8	7
18*	9 1/4	S-1443	S-1444	5.40	1 1/8	15	22	8 1/4 P	S- 354	S- 354	4.60	1 1/8	8
19*	9 3/4	S-1445	S-1446	5.60	1 1/8	16	25	9 1/4	S-1519	S-1520	5.00	1 1/8	10
20*	10 1/2	S-1447	S-1448	5.90	1 1/8	17	27	10	S-1521	S-1522	5.40	1 1/8	12
21*	11	S-1449	S-1450	6.20	1 1/8	17 1/2	28	10 1/2 P	S-1523	S-1523	5.50	1 1/8	12 1/2
22	11 1/2	S-1451	S-1452	6.50	1 1/8	18	29*	10 3/4	S-1524		5.60	1 1/8	13
23	12	S- 110	S-1453	6.80	1 1/8	19	30	11 P	S-1525	S-1525	5.80	1 1/8	14
24	12 1/2	S- 346	S-1454	7.00	1 1/8	20	31	11 1/2	S-1526	S-1527	6.00	1 1/8	14 1/2
25	13	S-1455	S-1456	7.30	1 1/8	21	32	11 3/4	S-1528		6.20	1 1/8	15
26	13 1/2 P	S-1457	S-1457	7.50	1 1/8	22	35	13	S-1529		6.70	1 1/8	17
							38	14	S-1530		7.10	1 1/8	19

* Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 51 (Continued)							No. 52½ Heavy (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
40	14¾	S-1531		\$ 7.40	1 15/16	21½	17	8¼	S-1605	S-1604	\$4.90	1 7/16	10
43	16P	S- 120	S- 120	8.00	1 15/16	22½	19	9¼	S-1607	S-1606	5.30	1 13/16	12
44	16¼P	S-1532	S-1532	8.20	1 15/16	24	21	10¼P	S-1608	S-1608	5.80	1 13/16	14
45	16½	S-1533		8.40	1 15/16	25	25	12¼P	S-1609	S-1609	6.80	1 13/16	18
48	17¾P	S-1534	S-1534	9.00	1 15/16	27	26	12¾P	S-1610	S-1610	7.00	1 13/16	19
50	18½	S-1535		9.40	1 15/16	28	29	14 P	S-1611	S-1611	7.80	1 13/16	22
54	20	S-1536	S-1537	10.20	1 15/16	29	42	20¼	S-1612		11.00	1 13/16	35
60	22	S-1538		11.40	1 15/16	34	52	25¼P	S-1613	S-1613	13.50	1 13/16	45

No. 52							Nos. 55 and 55 Keeper						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
6*	3P	S-1539	S-1539	\$ 2.80	1 15/16	2½	4*	2¼	S-3265		\$ 2.70	1 15/16	2
7*	3½	S-1540	S-1541	2.90	1 15/16	3	5*	2¾	S-1614	S-1615	2.80	1 15/16	2½
8*	4	S-1542	S-1543	3.00	1 15/16	4	6*	3¼	S-1616	S-1617	2.90	1 15/16	3
9*	4½	S-3350	S- 786	3.10	1 15/16	5½	7*	3¾	S-1618	S-1619	3.00	1 15/16	3½
10*	5	S-1544		3.30	1 15/16	6½	8*	4¼	S-1620	S-1621	3.10	1 15/16	4
11*	5½	S-1545	S- 336	3.50	1 15/16	7	9*	4¾	S-1622	S-1623	3.20	1 15/16	5
12*	5¾	S-1546	S-1547	3.70	1 15/16	7½	10*	5¼	S-1624	S-1625	3.50	1 15/16	7
13*	6¼	S-1548	S- 593	4.00	1 15/16	8	11*	5¾	S-1626	S-1627	3.70	1 15/16	7½
14*	6¾	S-1549	S-1550	4.20	1 15/16	8½	12*	6¼	S-1628	S-1629	4.00	1 15/16	9
15*	7¼	S-1551	S-1552	4.40	1 15/16	9	13*	6¾	S-1630	S-1631	4.20	1 15/16	10
16*	7¾	S- 441	S- 136	4.70	1 15/16	9½	14*	7¼	S-1632	S-1633	4.40	1 15/16	11
17*	8¼	S-1553	S-1554	4.90	1 15/16	10	15*	8	S-1634	S-1635	4.70	1 15/16	12
18*	8¾	S-1555	S-1556	5.10	1 15/16	11	16*	8½	S-1636	S-1637	4.90	1 15/16	13
19*	9¼	S-1557	S-1558	5.30	1 15/16	12	17*	9	S-1638	S-1639	5.10	1 15/16	14
20	9¾	S- 595	S-3351	5.50	1 15/16	13	18*	9½	S-1640	S-1641	5.40	1 15/16	15
21	10¼	S-1559	S-1560	5.80	1 15/16	14	19*	10	S-3269	S-1642	5.60	1 15/16	16
22	10½	S- 439		6.00	1 15/16	15	20*	10½	S-1643	S-3270	5.90	1 15/16	17
23	11	S-1561	S-3352	6.30	1 15/16	16	21	11	S-3271	S-1644	6.20	1 15/16	17½
24	11½P	S-1562	S-1562	6.50	1 15/16	17	22	11½	S-1645	S-3272	6.50	1 15/16	18
25	12	S- 952	S- 430	6.80	1 15/16	18	23	12	S-3380	S-3377	6.80	1 15/16	19
26	12½	S-1563	S-1564	7.00	1 15/16	19	24	12½	S-1647		7.00	1 15/16	20
27	13	S-1565	S-1566	7.30	1 15/16	20	25	13 P	S-3273	S-3273	7.30	1 15/16	21
28	13½		S-1567	7.50	1 15/16	21	26	13½P	S-1648	S-1648	7.50	1 15/16	22
29	14	S- 594	S-1568	7.80	1 15/16	22	27	14		S-3274	7.80	1 15/16	23
30	14½	S- 334	S-1569	8.00	1 15/16	23	28	14½	S- 111		8.00	1 15/16	24
31	15	S-1570	S-1571	8.20	1 15/16	24	29	15	S-3275		8.30	1 15/16	25
32	15¼	S-1572		8.40	1 15/16	25	30	15¾P	S-1649	S-1649	8.50	1 15/16	26
33	15¾	S-1573		8.70	1 15/16	26	31	16¼P	S-3276	S-3276	8.80	1 15/16	27
34	16½	S-1574	S-1575	8.90	1 15/16	27	32	16¾P	S-1650	S-1650	9.00	1 15/16	28
37	17¾	S- 681	S-1576	9.60	1 15/16	30	34	17¾P	S-1651	S-1651	9.50	1 15/16	30
39	18¾	S-1577	S-1578	10.20	1 15/16	32	35	18¼		S-3277	9.80	1 15/16	31
40	19¼	S-1579		10.50	1 15/16	33	36	18¾	S-1652	S-3278	10.10	1 15/16	32
41	19¾	S- 335	S- 338	10.70	1 15/16	34	38	19¾P	S-1653	S-1653	10.60	1 15/16	34
42	20¼	S- 126	S-1580	11.00	1 15/16	35	40	20¾P	S-1654	S-1654	11.30	1 15/16	37
43	20½	S-1581		11.20	1 15/16	37	42	21¾	S-1655	S-3279	11.80	1 15/16	40
46	22P	S-1582	S-1582	11.80	1 15/16	39	44	23P	S-1656	S-1656	12.40	1 15/16	43
49	23½	S-1583	S-1584	12.60	1 15/16	42	45	23½	S-3287	S-3281	12.60	1 15/16	46
50	24	S-1585	S-1586	12.90	1 15/16	43	46	24P	S-1657	S-1657	12.90	1 15/16	51
51	24½	S-1587		13.20	1 15/16	44	47	24½	S-3282		13.20	1 15/16	55
52	25	S-1588		13.50	1 15/16	45	48	25P	S-1658	S-1658	13.50	1 15/16	59
53	25½P	S-1589	S-1589	13.80	1 15/16	47	50	26P	S-1659	S-1659	14.00	1 15/16	62
57	27¼	S-1590	S-1591	14.80	1 15/16	52	54	28	S-3283	S-3284	15.40	1 15/16	65
62	29¾	S-3354	S-3355	16.30	1 15/16	55	57	29½	S-3285		16.50	1 15/16	70
63	30¼	S-3356		16.70	1 15/16	57	58	30	S-3286		16.80	1 15/16	73
64	30¾	S-3357	S-3358	17.00	1 15/16	59	62	32¼	S-3337		18.40	1 15/16	80
74	35½	S-3359	S-3361	21.50	1 15/16	70	69	36		S-3338	21.80	1 15/16	92
79	37¾	S-3360		24.00	1 15/16	74	76	39½	S-3339		25.80	1 15/16	108
82	39¾	S-3362		26.00	1 15/16	77	82	42½	S-3340		29.40	1 15/16	123

No. 52½ Heavy							Nos. 57* and 67*						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
7*	3½	S-1593	S-1592	\$ 2.90	1 15/16	3	5*	4	S-1660		\$ 3.20	1 15/16	5
8*	3	S-1595	S-1594	3.00	1 15/16	4	6*	4½	S-3299	S- 613	3.50	1 15/16	6
9*	4½P	S-1596	S-1596	3.10	1 15/16	5½	7*	5½	S- 540	S-1661	3.80	1 15/16	8
11*	5½	S-1598	S-1597	3.50	1 15/16	7	8*	6	S- 768	S-1662	4.20	1 15/16	10
12*	6	S-1600	S-1599	3.70	1 15/16	7½	9*	6¾	S-1663	S-1664	4.60	1 15/16	12
13	6½	S-1602	S-1601	4.00	1 15/16	8	10*	7½	S-1665	S-1666	5.00	1 15/16	15
15	7½		S-1603	4.40	1 15/16	9	11*	8¼	S-1113	S-1667	5.40	1 15/16	18

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 57* and 67* (Continued)							Nos. 62, 62½, 72 and 72½ (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
12*	9	S- 659	S-1668	\$ 5.80	1 11/16	20	37	19 1/2	S-2693		\$12.00	2 7/16	44 1/2
13*	9 3/4	S-1669	S- 353	6.20	1 11/16	22	38	20	S- 687	S-1734	12.30	2 7/16	46
14	10 1/2	S-1670	S-1671	6.60	2 1/16	24	39	20 1/2	S- 409		12.60	2 7/16	51 1/2
15	11	S- 696	S-1672	7.00	2 1/16	26	40	21	S-2695		12.90	2 7/16	53
16	11 3/4	S-3289	S-1115	7.40	2 1/16	27	41	21 3/4 P	S-1735	S-1735	13.20	2 7/16	54 1/2
17	12 1/2	S- 347	S- 517	7.80	2 1/16	29	42	22	S-1736		13.60	2 7/16	56
18	13 1/4	S- 953	S- 333	8.20	2 1/16	30	43	22 1/2	S-1737	S-1738	14.00	2 7/16	57
19	14	S-3294	S-1673	8.60	2 1/16	31	45	23 1/2	S-1739	S-1740	14.40	2 7/16	58
20	14 3/4	S-1674	S-1675	9.00	2 1/16	32	46	24 1/2 P	S-4824	S-4824	14.80	2 7/16	59
21	15 1/2	S-1676	S-1677	9.40	2 1/16	33	47	25	S-2696	S-2697	15.10	2 7/16	61
22	16 1/4	S- 697	S-1678	9.80	2 7/16	35	49	25 3/4	S-1741	S-1742	15.80	2 7/16	65
23	16 3/4	S-1679		10.20	2 7/16	37	51	26 3/4	S-1743		16.60	2 7/16	69
24	17 1/2	S-1128	S-1681	10.60	2 7/16	39	57	30	S-1744	S-1745	19.00	2 7/16	78
25	18 1/4	S- 646		11.00	2 7/16	41	58	30 1/2	S-1746	S-1747	19.40	2 7/16	80
26	19 P	S-1682	S-1682	11.40	2 7/16	42	65	34 1/2 P	S-3765	S-3765	22.70	2 7/16	98
27	19 3/4	S-1683	S-1684	11.80	2 7/16	44	68	35 3/4	S-3365		24.20	2 7/16	103
28	20 1/2	S- 581	S-1685	12.20	2 7/16	48	83	43		S-3763	32.80	2 7/16	132
29	21 1/4	S-1686	S-1687	12.60	2 7/16	50	84	44 1/4 P	S-3366	S-3366	33.30	2 7/16	135
30	22	S-1688	S- 539	13.00	2 7/16	51	91	47 1/2	S-3367	S-3368	37.60	2 7/16	151
31	22 3/4		S- 635	13.40	2 7/16	54	No. 65						
32	23 1/2	S- 382	S-1689	13.80	2 7/16	56	9*	6 1/4		S-1748	\$ 4.80	1 11/16	11
33	24 1/4	S-1690	S- 582	14.40	2 7/16	58	21	14 1/4	S-1749		9.00	2 7/16	26
34	25	S-1691		15.00	2 7/16	60	No. 66						
36	26 1/2	S- 789	S-1692	16.20	2 7/16	67	6*	4	S-1750		\$ 3.80	1 11/16	6
38	27 3/4	S-1119	S-1693	17.40	2 7/16	72	8*	5 1/2	S-1751		4.20	1 11/16	8
39	28 1/2	S-1694		18.00	2 7/16	76	9*	6	S-1752		4.40	1 11/16	9
40	29 1/4	S- 501	S- 771	18.60	2 7/16	79	10*	6 1/2 P	S-1753	S-1753	4.70	1 11/16	9 1/2
41	30	S- 787	S-1695	19.20	2 7/16	81	11*	7 1/4	S-1754		5.00	1 11/16	10
43	31 1/2	S-1696	S-1697	20.40	2 7/16	86	12*	7 3/4	S-1755		5.30	1 11/16	12
44	32 1/4	S-1698		21.00	2 7/16	89	13*	8 1/2	S-1756		5.70	1 11/16	14
46	33 1/2	S-1699	S-1700	22.20	2 7/16	94	14*	9	S- 826		6.10	1 11/16	16
49	35 3/4	S- 636	S-1701	24.00	2 7/16	100	15*	9 3/4	S-1757		6.50	1 11/16	17
52	38 1/4 P	S-3304	S-3304	26.40	2 7/16	108	16*	10 1/4	S-1758		6.80	2 1/16	19
53	39	S-3305		27.20	2 7/16	111	17*	11 P	S-1759	S-1759	7.10	2 1/16	21
54	39 1/2	S-1703	S-1704	28.00	2 7/16	114	18*	11 1/2	S-1760	S-1761	7.40	2 1/16	22
60	43 3/4	S-1705		32.00	2 7/16	134	19	12 1/4 P	S-1762	S-1762	7.80	2 1/16	24
61	44 3/4	S-3306		33.20	2 7/16	139	20	13	S- 803		8.10	2 1/16	26
65	47 3/4	S-3308	S-3307	37.80	2 7/16	158	21	13 1/2 P	S-1763	S-1763	8.50	2 1/16	29
Nos. 62, 62½, 72 and 72½							22	14 1/4 P	S-1764	S-1764	8.80	2 1/16	31
6*	3 1/4	S-1706	S-2672	\$ 3.40	1 11/16	4 3/4	24	15 1/2	S-1765		9.60	2 1/16	33
7*	3 3/4	S- 413	S-1707	3.60	1 11/16	5	25	16	S-1766		10.00	2 1/16	35
8*	4 1/4	S-4020	S-1708	3.80	1 11/16	5 1/2	36	23	S-1767		14.40	2 1/16	53
9*	4 3/4	S- 693	S-1709	4.00	1 11/16	6	46	29 1/2	S-1768		18.60	2 1/16	64
10*	5 1/2	S-1710	S-1711	4.20	1 7/16	7	No. 67—Use No. 57						
11*	6	S-1712	S-1713	4.40	1 7/16	8	No. 72						
12*	6 1/2	S-1130	S-1714	4.70	1 11/16	10	15*	9 3/4	S-1769		\$ 6.40	1 11/16	11
13*	7	S-1715	S-1716	5.00	1 11/16	11 1/2	18	11 3/4	S-1770		7.60	1 11/16	15
14*	7 1/2 P	S-1717	S-1717	5.30	1 11/16	13	No. 75—Use No. 78						
15*	8	S- 758	S- 567	5.60	1 11/16	14	No. 075—Use No. 76 1/2						
16*	8 1/2	S-1139	S-2680	5.80	1 11/16	15	No. 76 1/2						
17*	9	S-1718	S-1719	6.10	1 11/16	16	7*	4 3/4	S-1952		\$ 3.70	1 11/16	13
18*	9 1/2 P	S-1720	S-1720	6.30	1 11/16	17	12*	7 3/4	S-1755		5.60	1 11/16	19
19*	10	S-1112	S-1721	6.60	1 11/16	18	No. 77*						
20	10 1/2	S-1722	S-1723	6.90	2 1/16	20	6*	4 1/2	S-1818	S-1819	\$ 3.50	1 7/16	6
21	11	S-1724		7.10	2 1/16	21	7*	5 1/4	S-1820	S-1821	3.80	1 7/16	8
22	11 1/2	S-1725	S-1726	7.40	2 1/16	22	8*	6	S-1822	S-1823	4.20	1 11/16	10
23	12 1/4	S- 109	S-1727	7.70	2 1/16	23	9*	6 3/4	S-1824	S-1825	4.60	1 11/16	12
24	12 3/4	S- 406	S- 405	8.00	2 1/16	25	10*	7 1/2	S-1826	S-1827	5.00	1 11/16	15
25	13 1/4	S-1728		8.30	2 1/16	27	11*	8 1/4	S-1828	S-1829	5.40	1 11/16	18
26	13 3/4	S-1730		8.60	2 1/16	28	12*	9	S-1830	S-1831	5.80	1 11/16	20
27	14 1/4	S- 694	S-1731	8.90	2 1/16	29	13*	9 1/2	S-1832	S-1833	6.20	1 11/16	22
28	14 3/4	S-1732	S- 552	9.20	2 1/16	30	14*	10 1/4	S-1834	S-1835	6.60	2 1/16	24
30	16	S-1129	S-1733	9.80	2 1/16	33							
32	16 3/4	S- 692	S- 108	10.40	2 1/16	35							
34	18	S-2691	S- 725	11.10	2 1/16	40 1/2							

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 77 (Continued)								No. 88*, 75* and 78* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
15*	11	S-1836	S-1837	\$7.00	2 1/16	26		28	23 1/4	S-3316	S-3315	\$15.00	2 1/16	69	\$4.60
16*	11 3/4	S-1838	S-1839	7.40	2 1/16	27		29	24	S-1938	S-1939	15.50	2 1/16	72	5.30
17*	12 1/2	S-1840	S-1841	7.80	2 1/16	29		30	25P	S- 932	S- 932	16.00	2 1/16	76	5.40
18*	13 1/4	S-1842	S-1843	8.20	2 1/16	30		32	26 1/2	S- 399	S- 684	17.20	2 1/16	81	6.40
19	14	S-3293	S-3292	8.60	2 1/16	31	\$1.90	33	27 1/2	S-3378	S- 820	18.00	2 1/16	84	6.60
20	14 3/4	S-1845	S-3295	9.00	2 1/16	32	2.00	34	28 1/4	S-1809	S-1941	18.80	2 1/16	88	7.50
21	15 1/2		S-1846	9.40	2 1/16	33	2.05	35	29	S- 106	S-3322	19.60	2 1/16	91	7.80
22	16 1/4	S-1847	S-3296	9.80	2 1/16	35	2.35	36	30	S-4019	S-1030	20.40	2 1/16	93	8.80
23	17	S-1848	S-3297	10.20	2 1/16	37	2.45	37	30 3/4	S-3325	S-1942	21.20	2 1/16	96	9.10
24	17 1/2 P	S-1849	S-1849	10.60	2 1/16	39	2.55	38	31 3/4	S- 668	S-1943	22.00	2 1/16	98	9.40
25	18 1/2 P	S-1116	S-1116	11.00	2 1/16	41	2.85	39	32 1/2	S-1944	S-1945	22.80	2 1/16	102	10.50
26	19P	S-1850	S-1850	11.40	2 1/16	42	2.95	40	33 1/4	S-1946	S-1947	23.60	2 1/16	106	10.80
28	20 1/2	S-3696	S-1851	12.20	2 1/16	48	3.40	43	35 3/4	S- 457	S- 683	26.00	2 1/16	115	13.00
30	22P	S-1852	S-1852	13.00	2 1/16	51	4.00	44	36 1/2	S-1948	S- 858	26.80	2 1/16	119	14.50
32	23 1/2		S-1853	13.80	2 1/16	56	4.30	45	37 1/2	S- 745	S-1949	27.60	2 1/16	123	14.90
33	24 1/4 P	S-3298	S-3298	14.40	2 1/16	58	4.90	46	38 1/4	S-1950	S-1951	28.60	2 1/16	127	16.60
34	25P	S-1854	S-1854	15.00	2 1/16	60	5.10	48	40P	S-1816	S-1816	30.60	2 1/16	138	19.00
36	26 1/2		S-1855	16.20	2 1/16	67	6.00	49	40 3/4	S- 407	S- 706	31.60	2 1/16	146	19.60
38	28	S-1856		17.40	2 1/16	72	7.00	50	41 1/2	S- 352	S- 708	32.60	2 1/16	151	20.20
40	29 1/4 P	S-1857	S-1857	18.60	2 1/16	79	7.50	57	47 1/4	S- 605	S- 903	40.80	3 1/16	195	30.20
41	30	S-3301	S-3300	19.20	2 1/16	81	8.30	58	48 1/4	S-4808		42.20	3 1/16	211	33.00
42	30 3/4 P	S-1858	S-1858	19.80	2 1/16	84	8.60	60	49 3/4	S- 985		45.00	3 1/16	218	37.00
43	31 1/2		S-3302	20.40	2 1/16	86	8.80	72	59 3/4	S-3341		65.00	3 1/16	335	65.00
44	32 1/4 P	S-1859	S-1859	21.00	2 1/16	89	9.70	77	64	S-3342		74.00	3 1/16	375	
46	33 3/4 P	S-1860	S-1860	22.20	2 1/16	95	10.30	No. 88 1/2*							
48	35 1/4 P	S-1861	S-1861	23.40	2 1/16	98	11.70	11*	9 1/4	S-2104		\$6.40	2 1/16	21	
49	35 3/4	S-3303		24.00	2 1/16	101	12.00	12*	10	S-2106		6.90	2 1/16	26	
50	36 1/2 P	S-1953	S-1953	24.80	2 1/16	105	13.40	14	11 3/4	S-2108		7.90	2 1/16	34	\$1.60
No. 78—Use No. 88								18	15	S- 873		9.80	2 1/16	44	2.15
No. 83* and No. 85*								No. 95*							
12	15 1/2 P	S-4850	S-4850	\$12.80	2 1/16	59	\$2.80	8*	10 1/2	S- 369	S- 369	\$ 9.00	2 1/16	40	
14	18P	S-4851	S-4851	14.80	2 1/16	74	3.85	10*	13P	S- 698	S- 698	10.80	2 1/16	50	
16	20 1/2 P	S-4852	S-4852	16.80	2 1/16	81	4.70	11	14 1/4	S-1892	S-1893	11.80	2 1/16	55	\$2.60
18	23P	S-4853	S-4853	19.20	2 1/16	90	6.00	12	15 1/2 P	S-1894	S-1894	12.80	2 1/16	62	2.80
20	25 1/2 P	S-4854	S-4854	21.60	2 1/16	110	7.40	15	19 1/4 P	S- 398	S- 398	15.80	2 1/16	80	4.10
22	28 1/4 P	S-4855	S-4855	24.00	2 1/16	137	8.90	21	26 3/4		S-1901	22.80	2 1/16	126	8.50
24	30 3/4 P	S-4856	S-4856	26.80	2 1/16	155	11.50	22	28	S- 384		24.00	2 1/16	137	8.90
Nos. 88*, 75* and 78*								26	33 1/4	S- 559	S-1905	29.70	2 1/16	172	13.70
5*	4 1/2	S-1908	S-1909	\$3.80	1 3/16	7		27	34 1/4 P	S-1906	S-1906	31.20	2 1/16	182	15.60
6*	5 1/4	S-1773	S-1910	4.20	1 1/16	9		32	40 1/2	S-1144		40.00	2 1/16	245	24.80
7*	6	S- 343	S-1911	4.60	1 1/16	11		38	48 1/4	S- 446		51.60	2 1/16	320	40.30
8*	7	S- 632	S-1912	5.00	1 1/16	13		47	59 1/2	S-1019		69.00	2 1/16	360	69.00
9*	7 3/4	S- 100	S- 101	5.50	1 1/16	15		No. 103*							
10*	8 1/2	S-1071	S-1913	6.00	1 1/16	17		6*	6 1/4	S-1954	S-1955	\$ 4.80	1 1/16	11	
11*	9 1/4	S-1028	S-4842	6.50	1 1/16	19		7*	7	S- 704	S-1956	5.40	1 1/16	16	
12*	10	S-1785	S-1786	7.00	2 1/16	24		8*	8	S-1957	S-1958	6.00	2 1/16	20	
13*	11	S-1915	S-1916	7.50	2 1/16	27		9*	9P	S-1036	S-1036	6.60	2 1/16	23	
14	11 3/4	S- 798	S-1917	8.00	2 1/16	33		10*	10	S-1132	S-1131	7.20	2 1/16	28	
15	12 1/2	S-1918	S-1919	8.50	2 1/16	37		11*	11	S-1960	S-1961	7.80	2 1/16	36	
16	13 1/2	S-1920	S-1921	9.00	2 1/16	39		12*	12	S-1041	S-1962	8.40	2 1/16	40	
17	14 1/4	S-1922	S-1923	9.50	2 1/16	41 1/2	\$2.10	13*	13	S-3343	S-1964	9.00	2 1/16	44	
18	15	S-1070	S-1924	10.00	2 1/16	44	2.20	14*	14	S-3344	S-1966	9.60	2 1/16	48	
19	16	S- 885	S-1925	10.50	2 1/16	47	2.30	15*	14 3/4 P	S- 114	S- 114	10.20	2 1/16	51	
20	16 3/4	S- 869	S- 362	11.00	2 1/16	49	2.65	16*	15 3/4 P	S- 728	S- 728	10.80	2 1/16	53	
21	17 1/2	S-1927	S-1926	11.50	2 1/16	51	2.75	17	16 3/4	S-3345	S-1968	11.40	2 1/16	56	\$2.75
22	18 1/4	S-1928	S-1929	12.00	2 1/16	53	3.10	18	17 3/4	S-1026	S-1969	12.00	2 1/16	58	2.90
23	19 1/4	S-1930	S-1931	12.50	2 1/16	56	3.25	19	18 3/4	S-1970	S-1971	12.60	2 1/16	60	3.30
24	20	S- 393	S-1932	13.00	2 1/16	59	3.65	20	19 3/4	S-3346	S- 713	13.20	2 1/16	65	3.45
25	20 3/4	S-1933	S-1934	13.50	2 1/16	61	3.80	21	20 3/4	S-1972	S-1973	13.80	2 1/16	70	3.85
26	21 3/4	S-1935	S- 661	14.00	2 1/16	64	3.90	22	21 1/2	S-1974	S-1975	14.40	2 1/16	74	4.00
27	22 1/2	S-1936	S- 314	14.50	2 1/16	66	4.50	23	22 1/2	S- 554	S-1976	15.00	2 1/16	82	4.60

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 103* (Continued)								No. 114* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
24	23 1/2	S- 883	S-1099	\$15.60	2 1/8	90	\$4.80	13*	13 3/4	S- 767	S-2025	\$10.00	2 1/8	36	
25	24 1/2	S-1977	S-1978	16.40	2 1/8	97	5.60	14	14 3/4	S-1015	S-2026	10.60	2 1/8	41	\$2.35
26	25 1/2	S-1979	S- 508	17.20	2 1/8	100	5.80	15	15 3/4	S- 481	S-2027	11.30	2 1/8	51	2.50
27	26 1/2	S-1980	S- 417	18.00	2 1/8	103	6.60	16	16 3/4	S- 790	S-2028	12.00	2 1/8	61	2.90
28	27 1/2	S- 896	S-1035	18.80	2 1/8	107	7.00	17	17 3/4	S- 489		12.70	2 1/8	65	3.05
29	28 1/2	S- 660	S-3815	19.80	2 1/8	114	7.90	18	19	S- 311	S-2029	13.40	2 1/8	70	3.50
30	29 1/2	S-1143	S-1982	20.80	2 1/8	119	8.30	19	20	S-1082	S-2030	14.20	2 1/8	75	4.00
31	30 1/2 P	S- 117	S- 117	21.80	2 1/8	125	9.40	20	20 3/4 P	S- 118	S- 118	15.00	2 1/8	81	4.20
32	31 1/2	S-1983	S- 494	22.80	2 1/8	134	9.80	21	22	S-2031	S-2032	15.80	2 1/8	84	4.90
33	32 1/2	S- 924	S- 886	23.80	2 1/8	137	11.00	23	24	S- 499		17.40	3 1/8	94	5.90
34	33 1/4	S-1984	S- 505	25.00	3 1/8	152	11.50	24	25	S-2033	S-1098	18.40	3 1/8	99	6.30
35	34 1/4	S- 855		26.50	3 1/8	156	13.20	25	26	S- 690	S-2034	19.40	3 1/8	102	7.20
36	35 1/4	S- 979	S-1985	28.00	3 1/8	167	14.00	26	27 1/4	S- 388		20.40	3 1/8	105	7.60
37	36 1/4 P	S- 658	S- 658	29.50	3 1/8	172	16.00	30	31 1/4	S- 498	S-2035	24.60	3 1/8	136	10.60
38	37 1/4	S-1067	S-1986	31.00	3 1/8	178	16.80	32	33 1/2	S-2036		27.00	3 1/8	146	12.40
40	39 1/4	S-1987	S- 527	34.00	3 1/8	190	19.70	34	35 1/2	S-1145	S-2037	30.00	3 1/8	158	15.00
42	40 1/4	S-1988		37.00	3 1/8	202	23.00	35	36 1/2	S-2038	S-2039	31.50	3 1/8	165	17.00
44	43	S-1126		40.00	3 1/8	220	26.40	36	37 1/2	S-2040	S-2041	33.00	3 1/8	182	17.80
45	44	S- 923	S-1989	41.50	3 1/8	225	29.00	38	39 1/2	S- 648	S-2042	36.20	3 1/8	191	21.00
46	45	S-1127		43.00	3 1/8	230	30.10	42	42 3/4	S-1054	S-2043	42.60	3 1/8	232	28.10
49	48	S-1111	S-1990	47.50	3 1/8	270	37.00	46	48	S-2044		49.00	3 1/8	245	36.30
55	54 P	S- 475	S- 475	58.00	3 1/8	328	49.90	47	49	S-1122		50.60	3 1/8	256	39.50
58	56 3/4	S- 935		64.00	3 1/8	340	60.80	48	50	S-1006		52.20	3 1/8	267	40.80
67	65 1/2	S-3369		87.00	3 1/8	478		57	59 1/4	S- 917		77.60	3 1/8	410	77.60
73	71 1/2	S-3370		105.00	3 1/8	515		No. 122*							
No. 104 1/2*								8	16	S-2045	S-3977	\$17.20	3 1/8	83	
7*	10 1/2	S- 318		\$10.00	2 1/8	50		9	18	S-2046		19.20	3 1/8	125	
9*	13 1/4		S- 511	12.00	2 1/8	65		10	19 3/4	S-2047	S-2048	21.40	3 1/8	156	
11	16	S-1991	S- 610	14.00	2 1/8	75	\$3.35	11	21 3/4	S-2049		23.60	3 1/8	160	
14	20 1/4	S-1992		17.60	2 1/8	105	4.90	12	23 1/2	S-2050	S-2051	26.20	3 1/8	165	
15	21 3/4	S- 309		19.00	2 1/8	110	5.30	15	29 1/2	S-2052	S-3978	34.00	3 1/8	228	
16	23	12473		20.20	2 1/8	112	6.30	16	31 1/4	S-2053		36.60	3 1/8	237	
17	24 1/2	S-1993	S-3886	21.50	2 1/8	115	7.30	19	37	S-2054	S-2055	49.80	3 1/8	320	
21	30 1/4	S- 515		26.60	2 1/8	156	11.50	36	70	S-2056		135.00	3 1/8	700	
33	47 1/4	S-1994		43.40	2 1/8	295	32.10	No. 124*							
No. 108*								7*	9 1/2	S-2057		\$ 9.00	2 1/8	25	
6*	9 1/2	S-1046	S-1995	\$9.80	2 1/8	46		8*	10 3/4	S-2058	S-2059	10.00	2 1/8	30	
8*	12 1/2	S-1996	S-1997	11.80	2 1/8	54		9*	12	S-2060	S-2061	11.00	2 1/8	40	
9*	13 3/4	S-1998	S-1999	13.00	2 1/8	62		10*	13 1/4	S- 972	S-2062	12.00	3 1/8	53	
10	15 1/4	S- 306	S-2000	14.20	2 1/8	71	\$3.10	11*	14 1/2	S-2063	S-2064	13.00	3 1/8	59	
11	16 3/4	S- 482	S- 870	15.40	2 1/8	83	3.70	12*	15 3/4	S- 910	S-2065	14.00	3 1/8	65	
12	18 1/4	S-2001	S-2002	16.60	2 1/8	92	4.30	13	17	S-2066	S-2067	15.00	3 1/8	70	\$3.60
13	19 3/4	S-2003	S-2004	18.00	2 1/8	106	4.70	14	18 1/4	S-2068	S-2069	16.00	3 1/8	77	4.20
14	21 1/4	S-2005		19.40	2 1/8	117	5.40	15	19 1/2	S-2070	S-2071	17.20	3 1/8	83	4.50
16	24 1/4	S-2006	S-2007	22.60	3 1/8	135	7.70	16	21	S-2072	S-2073	18.40	3 1/8	90	5.20
18	27 1/4	S-2008		25.80	3 1/8	154	9.60	17	22 1/4	S- 317	S-2074	19.60	3 1/8	98	6.10
20	30 1/4	S- 376	S- 949	29.00	3 1/8	179	12.50	18	23 1/2	S-2075	S-2076	20.80	3 1/8	107	6.40
24	36 1/4	S-2009	S-2010	36.20	3 1/8	220	19.60	19	24 3/4	S-1024	S-2077	22.00	3 1/8	114	7.50
28	42	S-2011		45.00	3 1/8	254	29.70	20	26	S- 772	S-2078	23.20	3 1/8	120	8.60
29	43 1/2	S- 431	S-2012	47.20	3 1/8	265	31.20	22	28 1/2	S-2079	S-2080	25.60	3 1/8	140	10.20
31	46 1/2	S-2013	S-2014	51.80	3 1/8	286	38.30	23	30	S-1104	S-2081	26.80	3 1/8	148	10.70
35	52 3/4	S-3896		62.00	3 1/8	330	53.30	24	31 1/4	S-2082	S-2083	28.40	3 1/8	154	12.20
No. 114*								25	32 1/2	S-1023		30.00	3 1/8	164	13.80
5*	5 1/2		S- 916	\$5.80	1 1/8	14		28	36 1/2	S-1022	S-2084	34.80	3 1/8	190	18.80
6*	6 1/2	S-2015	S-2016	6.20	1 1/8	15 1/2		30	39	S-2085	S-2086	38.00	3 1/8	227	22.00
7*	7 1/2	S-2017	S-4275	6.60	2 1/8	17 1/2		32	41 1/2	S-2087	S-2088	41.60	3 1/8	243	25.80
8*	8 1/2	S-2018	S-2019	7.00	2 1/8	20		34	44	S- 529	S-3973	45.20	3 1/8	264	31.60
9*	9 1/2	S- 616	S-2020	7.60	2 1/8	22		37	48	S- 936		51.40	3 1/8	308	40.10
10*	10 1/2	S-2021	S- 454	8.20	2 1/8	24		38	49 1/4	S- 884		53.60	3 1/8	318	41.80
11*	11 1/2	S-2022	S-2023	8.80	2 1/8	27		46	59 1/2	S-2089		82.00	4 1/8	450	82.00
12*	12 3/4	S-1086	S-2024	9.40	2 1/8	32		51	66	S-2090		102.00	4 1/8	600	
								56	72 1/2	S-3979		122.00	4 1/8	725	
								66	85 1/2	S-3975		162.00	4 1/8	900	

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Hercules Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 102* and 102B*†								No. 110 Sp.*							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
12	15 1/4 P	S-4845	S-4845	\$14.40	2 1/16	60		8	23 3/4 P	S-4822	S-4822	\$23.00	2 1/16	110	\$7.20
14	17 3/4 P	S-4846	S-4846	16.80	2 1/8	81		No. 111*†							
16	20 1/4 P	S-4847	S-4847	18.00	2 1/8	90	\$5.00	9*	14 P	S-2244	S-2244	\$15.60	2 1/16	76	
18	23 P	S-4848	S-4848	19.20	2 1/8	95	6.00	11*	17 P	S-127	S-127	18.40	2 1/8	88	
22	28 P	S-4849	S-4849	24.00	2 1/8	140	8.90	12*	18 1/2 P	S-598	S-598	20.00	2 1/8	92	
47	59 1/4	S-4840		83.00	3 7/16	516	83.00	13*	20 P	S-561	S-561	21.80	2 1/8	95	
No. 102 1/2*†								14	21 1/2 P	S-580	S-580	23.60	2 1/8	117	\$6.60
6*	8	S-2234		\$10.00	2 7/16	36		15	23 P	S-641	S-641	25.40	2 1/8	125	7.90
8*	10 1/2 P	S-381	S-381	11.60	2 7/16	40		16	24 1/2 P	S-576	S-576	27.20	3 7/16	133	9.30
9*	11 3/4	S-123	S-614	12.40	2 1/8	44		18	27 1/2 P	S-592	S-592	31.00	3 1/8	169	11.50
10*	13 P	S-1029	S-1029	13.40	2 1/8	50		20	30 1/2 P	S-557	S-557	35.60	3 7/8	217	15.30
11*	14 1/4	S-1075	S-631	14.60	2 1/8	55		22	33 1/2 P	S-773	S-773	41.40	3 7/8	222	19.00
12*	15 1/2	S-584		15.80	2 1/8	62		No. 111 Sp.*							
15	19 1/2 P	S-1044		19.40	2 1/8	81		8*	15 1/2	S-377	S-2245	\$17.20	2 1/8	75	
16	20 3/4 P	S-1072	S-1072	20.60	2 1/8	88	\$5.80	10	19 1/2	S-954		21.60	2 1/8	135	\$5.60
17	22	S-2235		21.80	2 1/8	92	6.10	12	23 1/4 P	S-961	S-961	26.20	2 1/8	190	8.10
18	23 1/4 P	S-4841	S-4841	23.00	2 1/8	95	7.20	16	30 3/4	S-822		36.60	3 7/8	260	15.80
19	24 1/2 P	S-993	S-993	24.40	2 1/8	110	8.30	No. 131*†							
22	28 1/4	S-2236		28.60	3 1/16	135	11.50	Use No. 103 Detachable Sprockets Page 133							
23	29 1/2 P	S-2237	S-2237	30.20	3 1/16	143	12.10	No. 132*†							
26	33 1/2	S-864		35.60	3 1/16	175	16.40	8	16		S-2246	\$20.20	3 7/16	125	
27	34 3/4	S-3885		37.40	3 1/16	184	18.70	9	18 P	S-3198	S-3198	23.00	3 7/16	155	
31	39 3/4	S-2238		42.80	3 7/16	220	24.80	12	23 3/4 P	S-3199	S-3199	32.00	3 7/16	220	\$10.00
37	47 1/2	S-650	S-3932	57.60	3 7/16	338	42.60	13	25 1/2 P	S-113	S-113	35.20	3 7/16	250	12.00
46	59	S-2239		77.40	3 1/8	400	77.40	15	29 1/2 P	S-3200	S-3200	42.60	3 7/16	280	17.10
48	61 3/4		S-4270	81.80	3 1/8	656		16	31 1/2 P	S-3372	S-3372	47.60	3 7/16	310	20.50
No. 110*								18	35 1/4 P	S-3201	S-3201	58.00	3 1/8	350	29.00
6*	12	S-621		\$12.20	2 1/16	50		21	41 1/4 P	S-2247	S-2247	77.20	3 1/8	420	47.90
8*	15 3/4	S-2242		15.40	2 1/8	60		No. 188* Use No. 88 Detachable Sprockets. Page 133							
9	17 1/2	S-551		17.00	2 1/8	85		No. 214* Use No. 114 Detachable Sprockets. Page 134							
10	19 1/2	S-459		18.80	2 1/8	95	\$4.90	No. 1226*†							
11	21 1/4	S-950		20.60	2 1/8	100	5.80	10	19 1/2 P	S-4860	S-4860	\$22.00	2 1/8	120	\$5.80
12	23 1/4	S-488	S-948	22.60	2 1/8	105	7.00								
13	25	S-1038		24.60	3 1/16	120	8.40								
16	30 3/4	S-930		31.20	3 7/16	160	13.40								
18	34 1/2	S-487	S-2243	36.00	3 7/16	200	18.00								
37	70 3/4	S-2240			3 1/8										

Jeffrey Sprocket Wheels for Reliance Chains

No. 60 and No. 60 H								No. 60 and No. 60 H (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
6*	4 3/4 P	S-2132	S-2132	\$3.50	1 3/16	6		38	28 P	S-2162	S-2162	\$17.40	2 7/16	70	
7*	5 1/2 P	S-2134	S-2134	3.80	1 1/8	8		40	29 1/2 P	S-2163	S-2163	18.60	2 1/8	79	
8*	6 P	S-2136	S-2136	4.20	1 1/8	10		48	35 1/4 P	S-137	S-137	23.40	2 1/8	98	
9*	6 3/4 P	S-2138	S-2138	4.60	1 1/8	12		No. 73*							
10*	7 1/2 P	S-2140	S-2140	5.00	1 1/8	15		8*	6 1/4 P	S-131	S-131	\$6.40	1 1/8	16 1/2	
11*	8 1/4 P	S-2142	S-2142	5.40	1 1/8	18		10*	7 3/4 P	S-130	S-130	6.80	2 7/16	21	
12*	9 P	S-2144	S-2144	5.80	1 1/8	20		12*	9 1/4	S-3768	S-1097	7.60	2 7/16	28	
13*	9 3/4 P	S-2146	S-2146	6.20	1 1/8	22		15*	11 1/2	S-2164		9.00	2 7/16	34	
14*	10 1/2 P	S-2149	S-2149	6.60	2 7/16	24		16	12 P	S-129	S-129	9.60	2 7/16	36	
15	11 1/4 P	S-2150	S-2150	7.00	2 7/16	26		18	13 3/4	S-3769		10.60	2 7/16	53	
16	12 P	S-2151	S-2151	7.40	2 7/16	27		23	17 1/2	S-2166		13.20	2 7/16	68	
18	13 1/4 P	S-2152	S-2152	8.20	2 7/16	30		24	18 1/4 P	S-2167	S-2167	13.70	2 7/16	72	
20	14 3/4 P	S-2153	S-2153	9.00	2 7/16	32		28	21 1/4 P	S-541	S-541	16.00	2 7/16	85	
22	16 1/4 P	S-2154	S-2154	9.80	2 7/16	35		32	24	S-2168		18.40	2 7/16	108	
24	17 3/4 P	S-2155	S-2155	10.60	2 7/16	39		41	30 3/4	S-795		24.60	2 7/16	122	
25	18 1/4 P	S-646	S-646	11.00	2 7/16	41		48	35 1/2	S-796		30.00	2 7/16	144	
26	19 1/4 P	S-2156	S-2156	11.40	2 7/16	43		No. 74*							
28	20 3/4 P	S-2157	S-2157	12.20	2 7/16	48		Use No. 88 Detachable Sprockets. Page 133							
30	22 P	S-2158	S-2158	13.00	2 7/16	51									
32	23 1/2 P	S-2159	S-2159	13.80	2 7/16	53									
34	25 P	S-2160	S-2160	15.00	2 7/16	60									
36	26 1/2 P	S-2161	S-2161	16.20	2 7/16	64									

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

† For List of Flanged Sprockets, See page 148.

Jeffrey Sprocket Wheels for Reliance Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 75*							No. 87* (Continued)								
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
8*	7P	S-2169	S-2169	\$5.00	1 15/16	11		18	23P	S-2201	S-2201	\$23.20	3 7/16	145	\$7.20
9*	7 3/4P	S-2170	S-2170	5.50	1 15/16	15		20	25 1/2P	S-2202	S-2202	26.00	3 7/16	170	8.80
10*	8 1/2P	S-2171	S-2171	6.00	1 15/16	19		22	28 1/4P	S-2203	S-2203	28.80	3 7/16	190	11.60
12*	10P	S-2172	S-2172	7.00	2 1/16	26		24	30 3/4P	S-2204	S-2204	31.80	3 7/16	210	13.70
14*	11 3/4P	S-2173	S-2173	8.00	2 15/16	33		26	33 1/4P	S-2205	S-2205	35.40	3 7/16	225	16.30
16	13 1/2P	S-2174	S-2174	9.00	2 15/16	38 1/2	\$1.80	28	35 3/4P	S-2206	S-2206	39.00	3 7/16	250	19.50
18	15P	S-2175	S-2175	10.00	2 15/16	44	2.20	30	38 1/4	S-3197		42.60	3 7/16	280	24.70
20	16 3/4P	S-2176	S-2176	11.00	2 15/16	49	2.65	No. 95*							
22	18 1/2P	S-2177	S-2177	12.00	2 15/16	53	3.10	13	17	S-2207		\$13.80	2 15/16	68	\$3.30
24	20P	S-2178	S-2178	13.00	2 15/16	59	3.65	19	24 1/2	S-2208		20.40	2 15/16	95	7.00
26	21 3/4P	S-2179	S-2179	14.00	2 15/16	61	3.90	No. 124*							
28	23 1/2P	S-2180	S-2180	15.00	2 15/16	69	4.60	7*	9 1/4	S-2210	S-2211	\$10.80	2 15/16	25	
30	25P	S-2181	S-2181	16.00	2 15/16	76	5.40	8*	10 1/2	S-2212	S-2213	11.80	2 15/16	35	
32	26 3/4P	S-2182	S-2182	17.20	2 15/16	81	6.40	9*	11 3/4	S-2214	S-2215	12.80	2 15/16	45	
34	28 1/4P	S-2183	S-2183	18.80	2 15/16	88	7.50	10*	13	S-2216	S-2217	13.80	3 1/16	55	
No. 78*								11*	14 1/4	S-2218	S-2219	14.80	3 1/16	65	
Use No. 88 Detachable Sprockets Page 133								12*	15 1/2	S-2220	S-2221	15.80	3 1/16	75	
No. 82*								13*	16 3/4P	S-2222	S-2222	16.80	3 1/16	80	
Use No. 103 Detachable Sprockets Page 133								14	18P	S-2223	S-2223	18.00	3 1/16	85	
No. 87*								15	19 1/4P	S-2224	S-2224	19.40	3 1/16	95	
6*	8P	S-2192	S-2192	\$ 9.50	2 15/16	30		16	20 1/2P	S-2225	S-2225	20.80	3 1/16	100	\$5.80
7*	9 1/4P	S-2193	S-2193	10.50	2 15/16	38		18	23P	S-2226	S-2226	23.60	3 1/16	120	7.30
8*	10 1/2P	S-2194	S-2194	11.50	2 15/16	46		20	25 1/2P	S-2227	S-2227	26.60	3 1/16	133	9.10
9*	11 3/4P	S-2195	S-2195	12.50	2 15/16	55		22	28 1/4P	S-2228	S-2228	29.80	3 1/16	150	11.90
10*	13P	S-2196	S-2196	13.50	3 1/16	58		24	30 3/4P	S-2229	S-2229	33.00	3 1/16	170	14.20
11*	14 1/4P	S-2197	S-2197	14.80	3 1/16	70		28	35 3/4P	S-2230	S-2230	40.20	3 1/16	190	21.70
12*	15 1/2P	S-2198	S-2198	15.60	3 1/16	77		30	38 1/4P	S-2231	S-2231	45.00	3 1/16	212	26.10
14	18P	S-2199	S-2199	18.00	3 1/16	99		32	41P	S-2232	S-2232	49.80	3 1/16	250	30.90
16	20 1/2P	S-2200	S-2200	20.40	3 1/16	124		34	43 1/2P	S-2233	S-2233	55.00	3 1/16	275	38.50

Jeffrey Sprockets for Reliance Drag & Transfer Chains

RELIANCE DRAG							No. 112						
The "largest bore at regular prices" for all wheels for Reliance Drag Chains, is 2 15/16 inches.							7	18 3/4	S- 125	S-3931	\$34.40	2 15/16	147
No. 97							8	21P	S-3015	S-3015	39.40	2 15/16	175
10	16 1/4P	S-3980	S-3980	\$19.00	2 15/16	84	No. 120						
No. 102							6	12P	S-4272	S-4272	\$24.00	2 15/16	130
7	11 3/4P	S-3007	S-3007	\$18.00	2 15/16	84	12	23 1/4P	S- 138	S- 138	47.00	2 15/16	170
8	13 1/4P	S- 701	S- 701	19.80	2 15/16	100	No. 480						
10	16 1/4P	S- 680	S- 680	23.60	2 15/16	124	8	21P	S-4804	S-4804	\$46.20	2 15/16	290
12	19 1/2		S-3008	28.60	2 15/16	145	No. 1156						
13	21P	S- 434	S- 434	32.20	2 15/16	166	9	17 1/2P	S- 867	S- 867	\$27.00	2 15/16	166
No. 104							RELIANCE TRANSFER						
6*	12	S- 448		\$16.60	2 15/16	65	No. 130						
7	14P	S-3009	S-3009	18.60	2 15/16	90	9*	11 1/2	S-3045		\$10.00	2 7/16	40
8	15 3/4P	S-3010	S-3010	20.80	2 15/16	100	10*	12 3/4	S-1063		10.80	2 7/16	45
9	17 3/4	S- 496		23.20	2 15/16	112	No. 132						
11	21 1/2	S- 520		29.40	2 15/16	130	9*	11 3/4	S-3036		\$12.20	2 7/16	39
13	25 1/4P	S- 313	S- 313	37.00	2 15/16	170	No. 500						
No. 110							6	8	S-3047		\$ 8.20	2 7/16	24
6*	12P	S-3012	S-3012	\$23.00	2 15/16	115	8	10 1/4	S-3048		10.00	2 7/16	30
8*	15 3/4P	S- 473	S- 473	29.00	2 15/16	145	10	12 3/4	S-3049		12.00	2 7/16	36
9	17 1/2P	S- 536	S- 536	32.40	2 15/16	162	13	16 1/2	S-3050		15.60	2 7/16	45
11	21 1/4P	S-3013	S-3013	40.00	2 15/16	215	14	17 3/4	S-3051		16.80	2 7/16	52
							No. 535						
							9*	18 1/4P	S-4807	S-4807	\$27.00	2 15/16	138

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Pintle Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. H 567								No. 1152	
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	Use No. 52 Detachable Sprockets. Page 131	
		Driven	Driver					No. 1155	
								Use No. 55 Detachable Sprockets. Page 131	
								No. 1162	
								Use No. 62 Detachable Sprockets. Page 132	
								No. 4103*	
32	22	S-3194		\$13.40	2 $\frac{7}{16}$	60	\$4.20	Use No. 103 Detachable Sprockets. Page 133	

Jeffrey Sprocket Wheels for Peerless Chains

Cast Iron Chilled

No. 823*								No. 825* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
8*	10 $\frac{1}{2}$	S- 532		\$10.60	2 $\frac{7}{16}$	30		23	29 $\frac{1}{4}$	S- 969		\$30.20	3 $\frac{15}{16}$	195	
9*	11 $\frac{3}{4}$ P	S- 385	S- 385	11.60	2 $\frac{7}{16}$	36		24	30 $\frac{1}{2}$	S- 934		31.80	3 $\frac{15}{16}$	210	
10*	13	S- 736		12.60	2 $\frac{11}{16}$	43		28	35 $\frac{3}{4}$	S- 970		39.00	3 $\frac{15}{16}$	243	
11*	14 $\frac{1}{4}$	S- 535		13.60	2 $\frac{11}{16}$	50		37	47	S-2264		58.60	3 $\frac{15}{16}$	330	
12*	15 $\frac{1}{2}$	S-2249		14.60	2 $\frac{15}{16}$	62		No. 830*							
14	18	S-2250		16.80	2 $\frac{15}{16}$	80		10	19 $\frac{1}{2}$ P	S- 435	S- 435	\$19.40	3 $\frac{7}{16}$	130	
15	19 $\frac{1}{4}$	S-2251		18.00	2 $\frac{15}{16}$	85		12	23 $\frac{1}{2}$	S- 817		23.00	3 $\frac{7}{16}$	154	
16	20 $\frac{1}{2}$	S-2252		19.20	2 $\frac{15}{16}$	91		16	31 P	S-1090	S-1090	31.80	3 $\frac{15}{16}$	195	
17	22 P	S- 386	S- 386	20.40	2 $\frac{15}{16}$	101		No. 835*							
19	24 $\frac{1}{4}$	S-2253		23.00	2 $\frac{15}{16}$	117		23	29 $\frac{1}{2}$	S-2265		\$35.00	3 $\frac{15}{16}$	243	
24	30 $\frac{3}{4}$	S-2254	S-2255	30.00	2 $\frac{15}{16}$	158		No. 843*							
28	35 $\frac{3}{4}$ P	S-2256	S-2256	36.80	2 $\frac{15}{16}$	188		8	15 $\frac{3}{4}$	S-2266		\$17.60	3 $\frac{13}{16}$	110	
38	48 $\frac{1}{2}$	S-2257		55.80	2 $\frac{15}{16}$	293		13	25	S-2267		28.80	3 $\frac{13}{16}$	165	
No. 825*								No. 844*							
8*	10 $\frac{1}{2}$	S-2258	12340	\$11.50	2 $\frac{15}{16}$	43		9*	17 $\frac{3}{4}$ P	S-1076	S-1076	\$19.80	3 $\frac{13}{16}$	130	
9*	11 $\frac{3}{4}$	S-2260		12.50	2 $\frac{15}{16}$	55		10	19 $\frac{1}{2}$	S-2268		22.20	3 $\frac{13}{16}$	150	
10*	13 P	S- 357	S- 357	13.50	2 $\frac{15}{16}$	62		12	23 $\frac{1}{4}$	S-1050		27.00	3 $\frac{13}{16}$	180	
11*	14 $\frac{1}{4}$	12339		14.50	3 $\frac{7}{16}$	70		13	25 $\frac{1}{4}$	S-2269		29.60	3 $\frac{13}{16}$	210	
12*	15 $\frac{1}{2}$	S-2262	S-2263	15.60	3 $\frac{7}{16}$	77		15	29 P	S- 514	S- 514	34.80	3 $\frac{13}{16}$	245	
14*	18	S-1100	S-1031	18.00	3 $\frac{13}{16}$	101		19	36 $\frac{1}{2}$	S-2270		51.00	3 $\frac{13}{16}$	375	
15	19 $\frac{1}{4}$ P	S-4799	S-4799	19.20	3 $\frac{13}{16}$	113		No. 847*							
16	20 $\frac{1}{2}$	S- 351		20.40	3 $\frac{13}{16}$	123		12*	23 $\frac{1}{4}$	S-1005		\$32.80	4 $\frac{13}{16}$	200	\$10.20
18	23	S- 686		23.20	3 $\frac{13}{16}$	145		15	29 $\frac{1}{4}$ P	S-4828	S-4828	48.00	4 $\frac{13}{16}$	345	19.20
19	24 $\frac{1}{4}$	S-4800		24.60	3 $\frac{13}{16}$	152									

Jeffrey Sprocket Wheels for Atlas Chains

Cast Iron

No. 620*								No. 730*							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
10*	16 $\frac{1}{4}$	S-2271		\$16.40	4 $\frac{7}{16}$	110		8	15 $\frac{3}{4}$ P	S-2278	S-2278	\$16.00	2 $\frac{13}{16}$	68	
13	21	S-2272		21.20	4 $\frac{7}{16}$	140	\$5.90	9*	17 $\frac{1}{2}$	S-2279		17.80	2 $\frac{13}{16}$	77	
18	29		S-2273	30.00	4 $\frac{7}{16}$	200	12.00	10	19 $\frac{1}{2}$	S-2280	S-2281	19.60	3 $\frac{7}{16}$	90	
33	52 $\frac{3}{4}$		S-2274	74.00	4 $\frac{7}{16}$	500	63.60	11	21 $\frac{1}{4}$	S-2282		21.50	3 $\frac{7}{16}$	100	
No. 631*								12	23	S-2283		23.40	3 $\frac{7}{16}$	110	
16	30 $\frac{3}{4}$	S-2275		\$32.60	4 $\frac{13}{16}$	220	\$14.00	13	25	S-2284		25.60	3 $\frac{7}{16}$	137	\$ 8.70
18	34 $\frac{1}{2}$	S-2276		37.80	4 $\frac{13}{16}$	260	18.90	14	27	S-2285		27.80	3 $\frac{13}{16}$	157	10.30
20	38 $\frac{1}{4}$	S-2277		44.20	4 $\frac{13}{16}$	330	25.60	15	28 $\frac{3}{4}$	S-2286		30.20	3 $\frac{13}{16}$	177	12.10
No. 710*								16	30 $\frac{3}{4}$	S-2287	S-2288	32.80	3 $\frac{13}{16}$	201	14.10
Use No. 108 Detachable Sprockets. Page 134								18	34 $\frac{1}{2}$	S-2289		38.00	3 $\frac{13}{16}$	225	19.00
								20	38 $\frac{1}{4}$	S-2290	S-2291	44.00	3 $\frac{13}{16}$	260	25.50
								26	50	S-2292		67.20	3 $\frac{13}{16}$	314	52.40

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 0							No. 1½* (Continued)								
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
4*	3	S-3472	S-3471	\$3.00	1 3/16	1 3/4		10*	9 3/4 P	S-2333	S-2333	\$8.80	2 1/16	36	
5*	3 1/2	S-3473		3.20	1 1/8	2 1/2		11*	10 1/2 P	S-2334	S-2334	9.40	2 1/8	40	
6*	4	S-3475	S-3474	3.40	1 1/8	3 1/4		12*	11 1/2 P	S-2335	S-2335	10.00	2 1/8	45	
7*	4 3/4	S-3476		3.70	1 1/8	4		13*	12 1/2 P	S-2336	S-2336	10.80	2 1/8	56	
8*	5 1/4	S-3478	S-3477	4.00	1 1/8	6		14*	13 1/2 P	S-4025	S-4025	11.60	2 1/8	67	
9*	6	S-3480	S-3479	4.30	2 3/16	8		15*	14 1/2 P	S-4821	S-4821	12.40	2 1/8	78	
10*	6 1/2	S-3482	S-3481	4.60	2 1/8	10		16*	15 1/4	S-1093		13.20	2 1/8	85	
11*	7 1/4	S-3483		4.90	2 1/8	12		18	17 1/4 P	S-4837	S-4837	14.80	2 1/8	93	\$3.55
12*	7 3/4	S-3485	S-3484	5.20	2 1/8	14		19	18 1/4 P	S-2337	S-2337	15.60	2 1/8	100	3.90
13*	8 1/2	S-3487	S-3486	5.50	2 1/8	16		22	21 P	S-2338	S-2338	18.00	2 1/8	120	5.10
14*	9	S-3489	S-3488	5.80	2 1/8	18		25	23 3/4 P	S-2339	S-2339	20.40	2 1/8	140	6.30
15*	9 3/4	S-3491	S-3490	6.20	2 1/8	20		35	33 1/4 P	S-4827	S-4827	30.60	2 1/8	200	14.10
17	11	S-3493	S-3492	6.60	2 1/8	22	\$1.30	No. 2*							
18	11 3/4	S-3495	S-3494	7.00	2 1/8	24	1.40	5*	6 1/4	S-424	S-2340	\$6.80	1 1/16	20	
19	12 1/4	S-3496	S-3520	7.40	2 1/8	26	1.45	7*	8 1/2	S-2341	S-2342	8.20	2 1/16	24	
20	13	S-3497		7.80	2 1/8	28	1.55	8*	9 3/4	S-2343	S-2344	9.00	2 1/16	30	
21	13 1/2	S-3498		8.20	2 1/8	30	1.65	9*	10 3/4	S-2345	S-2346	9.80	2 1/16	40	
22	14 1/4	S-3499		8.60	2 1/8	32	1.90	10*	12	S-426	S-421	10.60	2 1/16	43	
23	15	S-3501	S-3500	9.00	2 1/8	34	2.00	11*	13 1/4	S-2347	S-2348	11.40	2 1/16	45	
24	15 1/2	S-3502		9.40	2 1/8	35	2.05	12*	14 1/4	S-2349	S-2350	12.20	2 1/16	47	
25	16	S-3504	S-3503	9.80	2 1/8	37	2.35	13*	15 1/2	S-2351		13.00	2 1/16	50	
28	18	S-3506	S-3505	11.00	2 1/8	41	2.90	14*	16 1/2	S-2352	S-2353	14.00	2 1/16	55	
31	20	S-3508	S-3507	12.20	2 1/8	44	3.40	15	17 3/4	S-2354	S-2355	15.00	2 1/16	60	\$3.60
34	22	S-3509		13.40	2 1/8	48	4.20	17	20	S-1020	S-2356	17.00	2 1/16	70	4.80
35	22 1/2	S-3510		13.80	2 1/8	50	4.30	19	22 1/2	S-2357	S-2358	19.00	2 1/16	80	5.90
36	23 1/4	S-3511		14.20	2 1/8	52	4.40	20	23 3/4	S-2359	S-2360	20.00	2 1/16	85	6.20
38	24 1/2	S-3512		15.00	2 1/8	56	5.10	21	24 3/4	S-2361	S-2362	21.20	2 1/16	95	7.20
42	27	S-3513		16.60	2 1/8	64	6.10	24	28 1/4	S-2363	S-2364	24.80	2 1/16	110	10.00
44	28 1/4	S-3514		17.80	2 1/8	68	7.10	25	29 1/2	S-2365	S-2366	26.00	2 1/16	130	10.40
46	28 1/2	S-3516	S-3515	18.60	2 1/8	72	8.00	26	30 3/4	S-2367	S-2368	27.20	2 1/16	150	11.70
49	31 1/2	S-3517		19.80	2 1/8	80	8.50	30	35 1/2	S-2369	S-2370	33.00	2 1/16	170	16.50
51	33 1/2	S-3519	S-3518	21.20	2 1/8	85	9.80	37	43 1/2	S-2371	S-3396	44.00	2 1/16	220	29.10
No. 1*								40	47	S-2372	S-2373	50.00	2 1/16	260	37.00
6*	6	S-2293	S-2294	\$6.40	2 1/16	16		51	60	S-2374		83.00	2 1/16	400	83.00
7*	7		S-3385	7.00	2 1/16	18		No. 2 Sp.*							
8*	7 3/4	S-2295	S-847	7.60	2 1/16	20		5*	6 1/4	S-2375		\$6.80	1 1/16	17	
9*	8 3/4	S-2296	S-2297	8.20	2 1/16	22		7*	8 1/2	S-2376		8.20	2 1/16	23	
10*	9 3/4	S-963	S-2298	8.80	2 1/16	24		8*	9 3/4	S-2377	S-2378	9.00	2 1/16	32	
11*	10 1/2	S-2299	S-2300	9.40	2 1/16	26		9*	10 3/4	S-2379	S-2380	9.80	2 1/16	37	
12*	11 1/2	S-2301	S-2302	10.00	2 1/16	29		10*	12	S-834	S-836	10.60	2 1/16	42	
13*	12 1/2	S-964	S-962	10.80	2 1/16	32		11*	13 1/4	S-2381	S-2382	11.40	2 1/16	46	
14*	13 1/2	S-1078	S-420	11.60	2 1/16	42		12*	14 1/4	S-2383	S-2384	12.20	2 1/16	56	
15*	14 1/4	S-2303	S-2304	12.40	2 1/16	56		13	15 1/2	S-2385	S-2386	13.00	2 1/16	60	
16*	15 1/4	S-960	S-2305	13.20	2 1/16	58		14	16 1/2	S-2387	S-2388	14.00	2 1/16	65	
17	16 1/4	S-2306	S-2307	14.00	2 1/16	60	\$3.35	15	17 3/4	S-2389	S-2390	15.00	2 1/16	70	\$3.60
18	17 1/4	S-2308	S-2309	14.80	2 1/16	65	3.55	17	20	S-2391	S-898	17.00	2 1/16	82	4.80
19	18	S-2310	S-2311	15.60	2 1/16	70	3.90	18	21 1/2 P	S-4832	S-4832	18.00	2 1/16	89	5.10
20	19	S-2312	S-2313	16.40	2 1/16	75	4.30	20	23 3/4	S-2392	S-2393	20.00	2 1/16	103	6.20
21	20	S-2314	S-2315	17.20	2 1/16	80	4.50	23	27 1/4	S-2394	S-2395	23.60	2 1/16	126	8.80
22	21	S-2316	S-3386	18.00	2 1/16	85	5.10	24	28 1/4	S-2396		24.80	2 1/16	132	10.00
24	22 3/4	S-777	S-2317	19.60	2 1/16	90	6.10	25	29 1/2	S-2397	S-2398	26.00	2 1/16	138	10.40
25	23 3/4	S-2318	S-619	20.40	2 1/16	95	6.30	26	30 3/4	S-2399	S-2400	27.20	2 1/16	147	11.70
27	25 3/4	S-2319	S-2320	22.00	2 1/16	105	7.50	30	35 1/2	S-2401	S-2402	33.00	2 1/16	175	16.50
29	27 1/2	S-550	S-2321	24.00	2 1/16	115	8.90	31	36 1/2	S-2403		34.60	2 1/16	183	18.70
31	29 1/2	S-2322	S-2323	26.00	2 1/16	125	10.40	37	43 1/2	S-2404	S-2405	44.00	2 1/16	225	29.10
34	30 3/4	S-2324	S-3387	29.40	2 1/16	135	13.50	50	58 3/4	S-2406		79.40	3 1/16	420	79.40
38	36	S-2325	S-2326	34.20	3 1/16	150	18.50	No. 3*							
44	41 3/4	S-2327	S-2328	41.40	3 1/16	165	25.70	6*	8	S-3399	S-2407	\$9.00	2 1/16	32	
45	42 3/4	S-3388		43.00	3 1/16	170	28.40	8*	10 1/2	S-3403	S-2409	10.60	2 1/16	42	
50	47 1/2	S-2329	S-2330	54.00	3 1/16	185	40.00	9*	11 3/4	S-533	S-980	11.60	2 1/16	47	
63	59 3/4	S-3389		82.60	3 1/16	350	82.60	10*	13	S-2410	S-2411	12.60	2 1/16	52	
No. 1½*								11*	14 3/4	S-2412	S-2413	13.80	2 1/16	56	
6*	6 P	S-2331	S-2331	\$6.40	2 1/16	20		12	15 1/2	S-458	S-516	15.00	2 1/16	60	\$3.30
7*	7	S-3970		7.00	2 1/16	24		13	17	S-2414	S-2415	16.20	3 1/16	65	3.90
8*	7 3/4 P	S-2332	S-2332	7.60	2 1/16	28		14	18 1/4	S-702	S-942	17.40	3 1/16	70	4.60

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 3* (Continued)								No. 6 C*							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
16	20 $\frac{3}{4}$	S-2416	S-2417	\$19.80	3 $\frac{7}{16}$	90	\$5.60	6*	16	S-2494		\$18.20	3 $\frac{7}{16}$	100	
17	22	S-2418	S-2419	21.00	3 $\frac{7}{16}$	100	6.50	7	18 $\frac{1}{2}$	S-2495		21.20	3 $\frac{7}{16}$	130	
18	23 $\frac{1}{4}$	S-367	S-2420	22.20	3 $\frac{7}{16}$	120	6.90	8*	21	S-2496	S-2497	24.20	3 $\frac{7}{16}$	170	
19	24 $\frac{1}{2}$	S-2421	S-2422	23.40	3 $\frac{7}{16}$	130	8.00	10	26	S-2498	S-2499	31.00	3 $\frac{15}{16}$	240	\$10.54
20	25 $\frac{3}{4}$	S-403	S-2423	24.80	3 $\frac{15}{16}$	140	9.20	14	36	S-2500		50.00	3 $\frac{15}{16}$	300	27.00
23	29 $\frac{3}{4}$	S-2424	S-2425	29.00	3 $\frac{15}{16}$	165	11.60	Nos. 9 $\frac{1}{2}$ * and 9 $\frac{1}{2}$ Sp.*							
24	31	S-703	S-2426	30.60	3 $\frac{15}{16}$	180	13.20	6*	6	S-832		\$5.60	1 $\frac{15}{16}$	12	
28	36P	S-1021	S-1021	37.00	3 $\frac{15}{16}$	200	20.00	7*	7	S-831		6.00	1 $\frac{15}{16}$	13	
30	38 $\frac{1}{2}$	S-2427		40.80	3 $\frac{15}{16}$	230	23.70	8*	7 $\frac{3}{4}$	S-2501	S-2502	6.40	1 $\frac{15}{16}$	15	
31	40	S-2428	S-2429	42.40	3 $\frac{15}{16}$	240	26.30	9*	8 $\frac{3}{4}$	S-2503	S-2504	6.80	2 $\frac{7}{16}$	20	
33	42 $\frac{1}{2}$	S-2430	S-2431	46.40	3 $\frac{15}{16}$	280	30.70	10*	9 $\frac{3}{4}$	S-2505	S-2506	7.20	2 $\frac{7}{16}$	22	
35	45	S-2432		50.60	3 $\frac{15}{16}$	300	35.50	11*	10 $\frac{1}{2}$	S-2507	S-2508	7.80	2 $\frac{7}{16}$	24	
36	46 $\frac{1}{4}$	S-2433		53.00	3 $\frac{15}{16}$	320	39.30	12*	11 $\frac{1}{2}$	S-3549	S-2510	8.40	2 $\frac{7}{16}$	30	
37	47 $\frac{1}{2}$	S-2434	S-2435	55.60	3 $\frac{15}{16}$	340	41.20	13*	12 $\frac{1}{2}$	S-833		9.00	2 $\frac{7}{16}$	36	
48	61 $\frac{3}{4}$	S-2436		93.00	3 $\frac{15}{16}$	450		14	13 $\frac{1}{2}$ P	S-4274		9.60	2 $\frac{7}{16}$	40	\$1.95
56	72	S-3400		120.00	4 $\frac{1}{16}$	600		15	14 $\frac{1}{2}$	S-2512	S-2513	10.20	2 $\frac{7}{16}$	50	2.25
No. 3 $\frac{1}{2}$ *								16	15 $\frac{1}{4}$	S-2514		10.80	2 $\frac{7}{16}$	54	2.40
12*	15 $\frac{3}{4}$	S-720		\$15.00	2 $\frac{15}{16}$	60		17	16 $\frac{1}{4}$	S-348		11.60	2 $\frac{7}{16}$	58	2.80
18	23 $\frac{1}{4}$ P	S-2437	S-2437	22.20	3 $\frac{7}{16}$	100	\$6.90	19	18	S-2515	S-2516	12.40	2 $\frac{7}{16}$	62	3.20
19	24 $\frac{1}{2}$ P	S-2438	S-2438	23.40	3 $\frac{7}{16}$	130	8.00	20	19	S-2517		13.20	2 $\frac{7}{16}$	66	3.45
20	26P	S-2439	S-2439	24.80	3 $\frac{7}{16}$	140	9.20	21	20	S-2518	S-2519	14.00	2 $\frac{7}{16}$	70	3.95
28	34P	S-4815	S-4815	37.00	3 $\frac{15}{16}$	200	20.00	23	22	S-2520	S-2521	15.60	2 $\frac{7}{16}$	78	4.40
30	38 $\frac{3}{4}$ P	S-2440	S-2440	40.80	3 $\frac{15}{16}$	230	23.70	25	23 $\frac{3}{4}$	S-2522		17.20	2 $\frac{7}{16}$	86	5.60
No. 5*								31	29 $\frac{1}{2}$	S-2523	S-2524	22.60	2 $\frac{7}{16}$	100	9.10
7*	11 $\frac{3}{4}$	S-396	S-2441	\$14.20	3 $\frac{7}{16}$	70		36	34 $\frac{1}{4}$ P	S-4826		27.60	2 $\frac{7}{16}$	130	13.80
8*	13 $\frac{1}{4}$	S-2442	S-2443	15.40	3 $\frac{7}{16}$	80		42	40	S-2525		35.60	2 $\frac{13}{16}$	160	20.70
9*	15	S-2444	S-2445	16.60	3 $\frac{7}{16}$	90		No. 12*							
10*	16 $\frac{3}{4}$	S-2446	S-2447	18.20	3 $\frac{7}{16}$	100		8*	9 $\frac{1}{4}$	S-3575		\$7.80	2 $\frac{7}{16}$	25	
12*	19 $\frac{1}{2}$	S-2448	S-887	21.80	3 $\frac{15}{16}$	125		10*	11 $\frac{1}{2}$	S-3574	S-3573	9.00	2 $\frac{13}{16}$	34	
15	24 $\frac{1}{2}$	S-2449	S-2450	27.80	3 $\frac{15}{16}$	140	\$9.50	11*	12 $\frac{1}{2}$	S-3571	S-3572	9.60	2 $\frac{13}{16}$	39	
16	26	S-2451	S-2452	30.00	3 $\frac{15}{16}$	170	11.10	14	16	S-3569	S-3570	12.00	3 $\frac{7}{16}$	52	\$2.90
17	27 $\frac{1}{2}$	S-2453	S-2454	32.20	3 $\frac{15}{16}$	190	11.90	18	20 $\frac{1}{4}$	S-3568	S-3567	15.60	3 $\frac{7}{16}$	66	4.40
19	30 $\frac{3}{4}$	S-2455	S-2456	37.00	3 $\frac{15}{16}$	205	15.90	21	23 $\frac{3}{4}$	S-3565	S-3566	18.40	3 $\frac{7}{16}$	77	5.70
20	32 $\frac{1}{2}$	S-2457		40.20	3 $\frac{15}{16}$	220	18.50	22	24 $\frac{3}{4}$	S-3564		19.60	3 $\frac{7}{16}$	81	6.70
21	34	S-2458	S-2459	43.80	3 $\frac{15}{16}$	235	21.90	28	31 $\frac{1}{2}$	S-3562	S-3563	26.80	3 $\frac{7}{16}$	104	11.50
22	35 $\frac{3}{4}$	S-2460	S-2461	47.60	4 $\frac{1}{16}$	260	23.80	32	36 $\frac{1}{4}$		S-3561	32.60	3 $\frac{7}{16}$	144	17.60
23	37 $\frac{1}{4}$	S-2462	S-2463	51.40	4 $\frac{1}{16}$	290	27.80	No. 14*							
30	48 $\frac{1}{2}$	S-2464		79.00	4 $\frac{1}{16}$	370	61.60	5*	7	S-2526	S-2527	\$6.80	2 $\frac{7}{16}$	18	
38	61 $\frac{1}{2}$	S-2466		113.00	4 $\frac{1}{16}$	450		7*	9 $\frac{1}{4}$	S-436	S-2528	8.20	2 $\frac{7}{16}$	22	
No. 5 C*								8*	10 $\frac{1}{2}$	S-2529	S-2530	9.00	2 $\frac{7}{16}$	28	
7*	11 $\frac{3}{4}$	S-2467		\$14.20	3 $\frac{7}{16}$	70		9*	11 $\frac{3}{4}$	S-2531	S-2532	10.00	2 $\frac{7}{16}$	35	
9*	15	S-2468	S-2469	16.60	3 $\frac{7}{16}$	90		11*	14 $\frac{1}{4}$	S-2533	S-2534	12.00	2 $\frac{7}{16}$	45	
10*	16 $\frac{3}{4}$	S-2470		18.20	3 $\frac{7}{16}$	100		12	15 $\frac{1}{2}$	S-1096	S-2535	13.00	2 $\frac{7}{16}$	60	
12	19 $\frac{1}{2}$	S-330	S-331	21.80	3 $\frac{15}{16}$	125		14	18	S-521		15.00	2 $\frac{7}{16}$	63	\$3.90
15	24 $\frac{1}{2}$	S-2471	S-2472	27.80	3 $\frac{15}{16}$	140	\$9.50	15	19 $\frac{1}{4}$	S-2536	S-2537	16.00	2 $\frac{13}{16}$	66	4.20
17	27 $\frac{1}{2}$	S-2473	S-2474	32.20	3 $\frac{15}{16}$	190	11.90	16	20 $\frac{1}{2}$	S-2538		17.00	2 $\frac{13}{16}$	70	4.75
19	30 $\frac{3}{4}$	S-2475	S-2476	37.00	3 $\frac{15}{16}$	205	15.90	17	22P	S-4831	S-4831	18.20	2 $\frac{13}{16}$	75	5.10
20	32 $\frac{1}{2}$	S-2477	S-2478	40.20	3 $\frac{15}{16}$	220	18.50	18	23P	S-2539	S-2539	19.60	2 $\frac{13}{16}$	80	6.10
21	34	S-2479	S-2480	43.80	3 $\frac{15}{16}$	235	21.90	19	24 $\frac{1}{2}$	S-1095	S-2540	21.00	2 $\frac{13}{16}$	85	7.20
22	35 $\frac{3}{4}$	S-2481	S-2482	47.60	4 $\frac{1}{16}$	260	23.80	23	29 $\frac{1}{2}$	S-2541	S-2542	26.60	2 $\frac{13}{16}$	100	10.70
25	40 $\frac{1}{2}$		S-2483	59.00	4 $\frac{1}{16}$	315	36.60	27	34 $\frac{1}{2}$	S-2543	S-2544	32.20	2 $\frac{13}{16}$	130	16.10
27	43 $\frac{3}{4}$	S-2484		67.00	4 $\frac{1}{16}$	330	44.20	31	39 $\frac{1}{2}$	S-2545	S-2546	38.00	2 $\frac{13}{16}$	165	22.10
30	48 $\frac{1}{2}$	S-2485	S-2486	79.00	4 $\frac{1}{16}$	370	61.60	37	47 $\frac{1}{4}$	S-2547	S-2548	49.60	2 $\frac{13}{16}$	180	36.70
No. 6*								No. 14 $\frac{1}{2}$ *							
5*	13 $\frac{3}{4}$		S-2487	\$15.80	3 $\frac{7}{16}$	85		7*	9	S-2549		\$8.20	2 $\frac{7}{16}$	22	
6	16	S-2488	S-2489	18.20	3 $\frac{7}{16}$	100		8*	10 $\frac{1}{2}$	S-1138	S-894	9.00	2 $\frac{7}{16}$	28	
8	21	S-2490	S-2491	24.20	3 $\frac{15}{16}$	170		9*	11 $\frac{3}{4}$	S-2550	S-915	10.00	2 $\frac{7}{16}$	35	
9	23 $\frac{1}{2}$	S-2492		27.20	3 $\frac{15}{16}$	210	\$8.50	11*	14 $\frac{1}{4}$	S-374		12.00	2 $\frac{7}{16}$	45	
14	36		S-2493	50.00	3 $\frac{15}{16}$	300	27.00	12*	15 $\frac{1}{2}$	S-463	S-2551	13.00	2 $\frac{13}{16}$	60	
								15	19 $\frac{1}{4}$	S-978	S-2552	16.00	2 $\frac{13}{16}$	66	\$4.20
								16	20 $\frac{1}{2}$	S-2553	S-2554	17.00	2 $\frac{13}{16}$	70	4.75
								17	22P	S-2555	S-2555	18.20	2 $\frac{13}{16}$	75	5.10
								19	24 $\frac{1}{2}$	S-2556	S-2557	21.00	2 $\frac{13}{16}$	85	7.20

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 14 1/2* (Continued)								No. 21 C* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
23	29 1/2	S-2558	S-2559	\$26.60	2 1/8	100	\$10.70	12*	9 3/4 P	S-2613	S-2613	\$7.40	2 7/8	22	
27	34 1/2	S-2560	S-2561	32.20	2 1/8	130	16.10	14	11 1/4 P	S- 132	S- 132	8.20	2 7/8	27	\$1.65
31	39 1/2	S-2562	S-2563	38.00	2 1/8	165	22.10	15	12	S-2615	S-2616	8.60	2 7/8	30	1.70
37	47 1/4	S-2564		49.60	2 1/8	180	36.70	17	13 3/4 P	S- 133	S- 133	9.40	2 7/8	35	1.90
No. 17*								19	15 1/4	S-2617	S-2618	10.40	2 7/8	42	2.30
5*	4 1/2	S-2091	S-2092	\$5.40	1 1/8	7		23	18 1/2	S-2619	S-2620	12.40	2 7/8	50	3.20
6*	5 1/4	S-2093	S-2094	5.60	1 1/8	10		30	24	S-2621	S-2622	16.60	2 7/8	65	5.60
7*	6	S-2095	S-2096	5.80	1 1/8	13		No. 22 C*							
8*	6 3/4	S-2097	S-2098	6.20	1 1/8	15 1/2		6*	6 1/4 P	S- 116	S- 116	\$6.20	1 1/8	15	
9*	7 1/2	S-2099	S-2100	6.60	2 1/8	18		8	8	S-2623		7.00	1 1/8	22	\$1.40
10*	8 1/2	S-2101	S-2102	7.00	2 1/8	20		9	9	S-2624	S-2625	7.40	1 1/8	25	1.50
11*	9 1/4	S-2103	S-2104	7.40	2 1/8	25		12	12	S-2626	S-2627	9.20	2 1/8	37	1.85
12*	10	S-2105	S-2106	7.80	2 1/8	28		16	16	S-2628	S-2629	11.60	2 1/8	54	2.55
14*	11 1/2	S-3588	S-2108	8.60	2 1/8	32		18	18	S-2630	S-2631	12.80	2 1/8	62	3.10
15*	12 1/2	S-2109	S- 378	9.00	2 1/8	35		20	19 3/4	S-2632	S-2633	14.40	2 1/8	66	3.75
16*	13 1/4	S-2110		9.60	2 1/8	38		21	21 P	S- 134	S- 134	15.20	2 1/8	72	4.30
18*	15	S-2111	S- 873	10.60	2 1/8	41		24	23 3/4	S-2634	S-2635	17.60	2 1/8	82	5.50
19*	15 3/4	S-2112	S-2113	11.00	2 1/8	44		28	27 3/4	S-2636		22.00	2 1/8	100	8.10
22	18	S-2114	S-2115	12.80	2 1/8	55	\$3.35	30	29 3/4	S-2637	S-2638	24.20	2 1/8	110	9.70
24	19 3/4	S-2116		14.20	2 1/8	60	3.70	36	35 1/2	S-2639	S-2640	32.00	2 1/8	130	16.00
28	23	S-2118		16.60	2 1/8	76	5.10	No. 23 C*							
29	24	S- 940	S-2119	17.00	2 1/8	80	5.30	4*	5 3/4	S-2641		\$6.00	1 1/8	15	
30	24 3/4		S-2120	17.60	2 1/8	85	6.00	5*	7	S-2642	S-2643	6.60	1 1/8	18	
34	28	S-2121	S-2122	20.40	2 1/8	92	7.60	7*	9 1/2		S-2644	8.00	2 1/8	28	
36	29 1/2	S-2123	S-2124	22.40	2 1/8	100	9.00	9*	12	S-2645	S-2646	9.40	2 1/8	40	
39	32	S-2125		25.40	2 1/8	110	11.70	12	15 3/4	S-2647	S-2648	11.80	2 1/8	60	\$2.60
43	35 1/4	S-2126	S-2127	29.40	2 1/8	135	14.70	14	18 1/4	S-2649	S-2650	13.60	2 1/8	72	3.55
44	36 1/4		S-2128	30.60	2 1/8	140	16.60	16	20 3/4	S-2651	S-2652	15.60	2 1/8	80	4.40
46	39 1/2	S-2129		33.20	2 1/8	150	19.30	18	23 3/4	S-2653	S-2654	17.80	2 1/8	90	5.50
54	44 1/4	S-2130		43.80	2 1/8	180	30.70	23	29 3/4	S-2655	S-2656	25.20	2 1/8	120	10.10
58	47 1/2	S-2131		49.00	2 1/8	200	36.30	35	45	S-2657	S-2658	46.60	2 1/8	200	32.60
72	59	S-3587			2 1/8	350		No. 40 1/2*							
No. 18*								7*	9 1/4	S-2659		\$7.20	2 7/8	28 1/2	
6*	6	S-2565	S-2566	\$6.00	1 1/8	15		8*	10 1/2	S-2660	S-2661	7.80	2 7/8	30	
7*	7	S-2567		6.40	1 1/8	17		12	15 1/2	S-2662	S-2663	10.80	2 7/8	35	\$2.40
8*	8	S-2568	S-2569	6.80	2 1/8	22		15	19 1/4	S-2664		13.20	2 7/8	50	3.45
9*	9	S-2570	S-2571	7.20	2 1/8	25		17	21 3/4 P	S-2665	S-2665	15.60	2 7/8	53	4.65
10*	9 3/4	S-2572	S-2573	7.60	2 1/8	28		19	24 1/4	S-2666	S-2667	18.00	2 7/8	55	6.20
11*	10 3/4	S-2574	S-2575	8.00	2 1/8	31		23	29 1/2	S-2668	S-2669	23.60	2 7/8		9.50
12*	11 3/4	S-2576	S-2577	8.60	2 1/8	37		31	39 1/2	S-3681	S-2670	35.40	2 7/8		20.60
13	12 3/4	S-2578	S-2579	9.20	2 1/8	40	\$1.80	No. 52							
14	13 1/2	S- 589	S- 780	9.80	2 1/8	43	1.95	6*	3	S-3701		\$3.10	1 1/8	4 1/2	
15	14 1/2	S-2580	S-2581	10.40	2 1/8	46	2.30	7*	3 1/2	S-3703	S-3702	3.40	1 1/8	5	
16	15 1/2	S-2582	S-2583	11.00	2 1/8	49	2.40	8*	4	S-3705	S-3704	3.70	1 1/8	5 1/2	
17	16 1/2	S-2584	S-2585	11.60	2 1/8	52	2.80	10*	4 3/4	S-3706		4.00	1 1/8	6	
18	17 1/2	S-2586	S-2587	12.20	2 1/8	55	2.95	11*	5 1/2	S-3708	S-3707	4.30	1 1/8	8	
19	18 1/2	S-3594	S-2588	12.80	2 1/8	58	3.35	12*	5 3/4	S-3710	S-3709	4.60	1 1/8	9	
20	19 1/2	S-2589	S-2590	13.40	2 1/8	61	3.50	14*	6 3/4		S-3711	5.20	1 1/8	11	
21	20 1/4	S-2591	S-2592	14.20	2 1/8	64	4.00	16*	7 3/4	S-3714	S-3713	5.80	1 1/8	13	
25	24 1/4	S- 588	S-2593	17.40	2 1/8	76	6.00	17*	8 1/4	S-3716	S-3715	6.10	1 1/8	14	
26	25	S-1081	S-2594	18.40	2 1/8	79	6.30	20	9 1/2	S-3718	S-3717	6.40	1 1/8	17	\$1.30
28	27	S-2595	S-2596	20.40	2 1/8	85	7.60	21	10	S-3719		6.60	1 1/8	18	1.30
32	31	S- 600	S-2597	24.80	2 1/8	100	10.70	22	10 1/2	S-3720		6.90	1 1/8	20	1.40
35	33 3/4	S-2598		28.40	2 1/8	112	13.10	24	11 1/2	S-3722	S-3721	7.50	1 1/8	22	1.50
37	35 3/4	S-2599	S-2600	30.80	2 1/8	120	15.40	25	12	S-3724	S-3723	7.80	1 1/8	23	1.55
38	36 3/4	S-2601		32.00	2 1/8	125	17.30	29	14	S-3726	S-3725	9.00	1 1/8	28	2.00
42	40 1/2	S-2602	S-2603	37.40	2 1/8	145	23.20	34	16 1/4	S-3728		10.10	1 1/8	34	2.40
46	44 1/2	S-2604		43.40	2 1/8	170	30.40	37	17 3/4	S-3729		11.00	1 1/8	37	2.65
50	48 1/4	S-2605	S-2606	49.60	2 1/8	210	38.70	42	20	S-3732	S-3721	12.50	1 1/8	47	3.50
59	57	S-3935		72.00	2 1/8	300	68.40	46	22	S-3733		13.40	1 1/8	55	4.20
No. 21 C*								50	24	S-3734		14.60	1 1/8	58	5.00
5*	4 1/4	S-2607	S-2608	\$5.00	1 1/8	10		52	24 3/4	S-3735		15.20	1 1/8	62	5.20
6*	5	S-2609		5.20	1 1/8	11		53	25 1/2		S-3736	15.50	1 1/8	64	5.30
8*	6 1/2	S-2610	S-2611	5.80	1 1/8	14		64	30 1/2	S-3738	S-3737	19.40	1 1/8	79	8.30
10*	8 1/4	S-2612		6.60	2 1/8	18									

Jeffrey Sprocket Wheels for Malleable Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 52 (Continued)								No. 124* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
67	32	S-3739		\$20.60	1 $\frac{13}{16}$	88	\$ 9.50	24	31	S-2718	S-2719	\$32.40	3 $\frac{7}{16}$	154	\$14.00
84	40	S-3740		29.20	1 $\frac{13}{16}$	130	18.10	26	33 $\frac{1}{2}$	S-2720	S-2721	35.80	3 $\frac{7}{16}$	170	16.50
No. 62								28	36	S-2722	S-2723	39.40	3 $\frac{7}{16}$	190	21.30
Use No. 62 Detachable Sprockets. Page 132								31	40	S-1074	S-2724	45.40	3 $\frac{13}{16}$	235	28.20
No. 77								33	42 $\frac{1}{2}$	S-2430		49.40	3 $\frac{13}{16}$	254	32.60
6*	4 $\frac{1}{2}$	S-3771		\$5.00	1 $\frac{7}{16}$	9		35	45	S-1133		54.20	3 $\frac{13}{16}$	313	38.00
7*	5 $\frac{1}{4}$	S-3773	S-3772	5.30	1 $\frac{13}{16}$	11		37	47 $\frac{3}{4}$	S-2725	S-2726	59.00	3 $\frac{13}{16}$	308	43.70
8*	6	S-3775	S-3774	5.60	1 $\frac{13}{16}$	12		46	59 $\frac{1}{4}$	S-2727		92.00	4 $\frac{1}{8}$	450	92.00
9*	6 $\frac{3}{4}$	S-3777	S-3776	5.90	2 $\frac{3}{16}$	13		56	72 $\frac{1}{2}$		S-2728	129.00	4 $\frac{13}{16}$	725	
10*	7 $\frac{1}{2}$	S-3779	S-3778	6.20	2 $\frac{7}{16}$	14		60	77 $\frac{1}{4}$	S-2729	S-2730	144.00	4 $\frac{13}{16}$	775	
11*	8 $\frac{1}{4}$	S-3780	S-3781	6.60	2 $\frac{7}{16}$	17		Nos. 126* and 156*							
12*	9	S-3782		7.00	2 $\frac{7}{16}$	20		5*	10 $\frac{1}{4}$	S-2731		\$11.80	2 $\frac{1}{2}$	30	
13*	9 $\frac{1}{2}$	S-3783	S-3784	7.40	2 $\frac{7}{16}$	22		6*	12	S-327	S-325	13.00	2 $\frac{1}{2}$	40	
14*	10 $\frac{1}{4}$	S-3785	S-3786	7.80	2 $\frac{7}{16}$	24		7*	14	S-452	S-2732	14.40	3 $\frac{1}{16}$	50	
15*	11	S-3787		8.20	2 $\frac{7}{16}$	28		8*	15 $\frac{3}{4}$	S-4798		15.80	3 $\frac{1}{16}$	70	
16*	11 $\frac{3}{4}$	S-3788	S-3789	8.60	2 $\frac{7}{16}$	32		9*	17 $\frac{1}{2}$	S-453	S-451	17.40	3 $\frac{1}{16}$	90	
18*	13 $\frac{1}{4}$	S-3790	S-3791	9.40	2 $\frac{7}{16}$	41		10	19 $\frac{1}{2}$	S-546	S-2734	19.40	3 $\frac{1}{16}$	110	\$5.10
19	14		S-3792	9.80	2 $\frac{7}{16}$	48	\$2.15	12	23 $\frac{1}{4}$	S-2735	S-455	23.40	3 $\frac{1}{16}$	140	7.30
20	14 $\frac{3}{4}$	S-3794	S-3793	10.20	2 $\frac{7}{16}$	51	2.25	13	25	S-2736	S-2737	25.40	3 $\frac{1}{16}$	156	8.70
22	15	S-3796	S-3795	11.00	2 $\frac{7}{16}$	57	2.65	14	27	S-2738	S-829	27.40	3 $\frac{1}{16}$	175	10.10
25	18 $\frac{1}{4}$	S-3797	S-3798	12.40	2 $\frac{7}{16}$	60	3.20	15	29	S-667	S-2739	29.80	3 $\frac{1}{16}$	185	11.90
27	19 $\frac{3}{4}$	S-3799		13.20	2 $\frac{7}{16}$	68	3.40	18	34 $\frac{1}{2}$	S-682	S-2740	36.80	3 $\frac{1}{16}$	195	18.40
30	22	S-3800	S-3801	15.00	2 $\frac{7}{16}$	80	4.70	19	36 $\frac{1}{2}$	S-2741	S-2742	39.80	3 $\frac{1}{16}$	210	21.50
33	24	S-3802	S-3814	16.80	2 $\frac{7}{16}$	85	5.70	22	42 $\frac{1}{4}$	S-2743		49.00	3 $\frac{1}{16}$	250	32.40
35	25 $\frac{1}{2}$	S-3804	S-3803	18.20	2 $\frac{7}{16}$	88	6.20	Nos. 126C* and 156C*							
40	29 $\frac{1}{4}$	S-3805	S-3806	22.40	2 $\frac{7}{16}$	100	9.00	6*	12P	S-928	S-928	\$13.00	2 $\frac{1}{2}$	40	
43	31 $\frac{1}{2}$	S-3808	S-3807	25.00	2 $\frac{7}{16}$	115	10.80	7*	13	S-370		14.40	3 $\frac{1}{16}$	50	
49	35 $\frac{3}{4}$	S-3809		30.40	2 $\frac{7}{16}$	135	16.40	8*	15 $\frac{3}{4}$ P	S-652	S-652	15.80	3 $\frac{1}{16}$	70	
54	39 $\frac{1}{4}$	S-3810		35.20	2 $\frac{7}{16}$	160	20.40	9*	17 $\frac{1}{2}$ P	S-876	S-876	17.40	3 $\frac{1}{16}$	90	
No. 124*								10	19 $\frac{1}{2}$	S-874	S-2748	19.40	3 $\frac{1}{16}$	110	\$5.10
6*	8 $\frac{1}{4}$		S-2698	\$9.60	2 $\frac{13}{16}$	20		11	21 $\frac{1}{4}$	S-2749		21.40	3 $\frac{1}{16}$	125	6.00
7*	9 $\frac{1}{2}$	S-2699		10.60	2 $\frac{13}{16}$	25		12	23 $\frac{1}{4}$ P	S-872	S-872	23.40	3 $\frac{1}{16}$	140	7.30
9*	12	S-2700	S-2701	12.60	2 $\frac{13}{16}$	40		13	25	S-2750	S-2751	25.40	3 $\frac{1}{16}$	156	8.70
10*	13	S-2702	S-2703	13.60	3 $\frac{1}{16}$	53		14	27	S-1047	S-1142	27.40	3 $\frac{1}{16}$	175	10.10
11*	14 $\frac{1}{2}$	S-2704	S-2705	14.60	3 $\frac{1}{16}$	59		15	29	S-2752	S-2753	29.80	3 $\frac{1}{16}$	185	11.90
12	15 $\frac{3}{4}$	S-2706	S-2707	15.60	3 $\frac{1}{16}$	65	\$3.45	16	30 $\frac{3}{4}$ P	S-2754	S-2754	32.00	3 $\frac{1}{16}$	190	13.80
13	17		S-2708	16.60	3 $\frac{1}{16}$	70	4.00	18	34 $\frac{1}{2}$	S-2755	S-122	36.80	3 $\frac{1}{16}$	195	18.40
14	18 $\frac{1}{4}$	S-491	S-2709	18.00	3 $\frac{1}{16}$	77	4.70	19	36 $\frac{1}{2}$	S-2757	S-2756	39.80	3 $\frac{1}{16}$	210	21.50
15	19 $\frac{1}{2}$	S-2710	S-2711	19.40	3 $\frac{1}{16}$	83	5.10	22	42 $\frac{1}{4}$	S-995		49.00	3 $\frac{1}{16}$	250	32.40
16	20 $\frac{3}{4}$	S-1073	S-2712	20.80	3 $\frac{1}{16}$	90	5.90	25	48	S-103	S-1048	60.00	3 $\frac{1}{16}$	360	46.80
18	23 $\frac{1}{4}$	S-2713	S-490	23.60	3 $\frac{1}{16}$	107	7.40	31	59 $\frac{1}{4}$	S-2758	S-2759	89.00	3 $\frac{1}{16}$	450	89.00
19	24 $\frac{1}{2}$	S-2714	S-2715	25.00	3 $\frac{1}{16}$	114	8.50	No. 1130*							
20	26	S-2716	S-2717	26.40	3 $\frac{1}{16}$	120	9.80	10*	19 $\frac{1}{2}$ P	S-4866	S-4866	\$19.40	3 $\frac{7}{16}$	112	
21	27 $\frac{1}{4}$	S-624	S-599	27.80	3 $\frac{1}{16}$	130	10.30	13	25 P	S-4867	S-4867	25.40	3 $\frac{7}{16}$	175	
								16	30 $\frac{3}{4}$ P	S-4868	S-4868	32.00	3 $\frac{1}{16}$	213	

Jeffrey Sprockets for Steel Thimble Roller Chains

No. 17* and S. S. 520							No. 17* and S. S. 520 (Continued)							
6*	5 1/4	S-1069	S-2760	\$6.20	1 13/16	8	25	20 1/2	S-2777	S- 626	\$17.00	2 1/16	70	\$ 4.80
7*	6	S- 445	S- 444	6.60	1 13/16	11	27	22	S- 841		18.60	2 1/16	80	5.80
8*	6 3/4	S- 688	S- 462	7.00	1 13/16	12	28	23	S-2778	S-2779	19.40	2 1/16	81	6.10
9*	7 1/2	S-2761	S-2762	7.40	2 3/16	17	29	23 3/4	S-1001	S-2780	20.20	2 1/16	82	6.30
10*	8 1/4	S-2763	S-2764	7.80	2 3/16	21	30	24 1/2	S-1088	S-2781	21.00	2 1/16	86	7.20
11*	9	S- 776	S-2765	8.40	2 3/16	24	31	25 1/4	S-2782		21.80	2 1/16	88	7.50
12*	10	S- 871	S-1014	9.00	2 7/16	27	33	27	S-2783	S-2784	23.40	2 1/16	90	8.70
14*	11 1/2	S- 987	S-2766	10.20	2 7/16	36	34	27 3/4 P	S-2785	S-2785	24.20	2 1/16	95	9.00
15*	12 1/4	S-2767	S-1012	10.80	2 7/16	40	36	29 1/4	S- 933	S- 676	26.00	2 1/16	115	10.40
16*	13	S-2768	S-2769	11.40	2 7/16	41	40	32 3/4 P	S- 497	S- 497	29.60	2 1/16	130	13.70
17	14	S-2770		12.00	2 7/16	43	42	34 1/4	S-2786	S-2787	32.00	2 1/16	135	16.00
18	14 3/4	S-2771	S-2772	12.60	2 7/16	46	43	35	S-1089	S-2788	33.20	2 1/16	140	16.60
20	16 1/2	S-2773	S-2774	13.80	2 7/16	50	44	35 3/4	S-1091	S-2789	34.40	2 1/16	145	18.60
22	18	S-1087	S-2775	15.00	2 7/16	52	48	39	S- 689	S-2790	41.00	2 1/16	160	23.80
24	19 1/2	S-1109	S-2776	16.20	2 7/16	60	52	42 1/4	S- 842		48.20	2 1/16	170	31.90

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 17* and S. S. 520 (Continued)								No. 116* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver							Driven	Driver				
58	47 1/4	S- 959	S-2791	\$59.00	2 1/16	200	\$43.70	11*	21 1/4	S-4361		\$24.00	3 1/16	164	
60	48 3/4	S- 418		62.60	2 1/16	220	48.90	12	23 1/4	S-2847	S-2848	26.40	3 1/16	170	\$8.20
72	58 3/4	S-3651		84.20	2 1/16	350	84.20	13	25 1/4		S-2849	29.00	3 1/16	185	9.90
No. 27*								14	27	S-2850	S-2851	31.60	3 1/16	200	11.70
6*	6	S-2792		\$7.60	2 7/16	18		15	29	S-2852	S-2853	34.20	3 1/16	242	13.70
7*	7	S-2793	S-2794	8.20	2 7/16	19		21	40 1/4	S-2855	S-2856	58.80	3 1/16	410	36.50
8*	7 3/4	S- 512		8.80	2 7/16	20		28	53 1/2	S-2857		92.00	3 1/16	573	79.10
9*	8 3/4	S- 579	S- 364	9.40	2 7/16	21		50	95 1/2	S-2858				1288	
10*	9 3/4	S-2795		10.00	2 7/16	24		No. 116 1/2*							
11*	10 1/2	S-2797	S-2798	10.60	2 7/16	26		Use No. 126C M. R. Sprockets. Page 141							
12	11 1/2	S- 938	S-2799	11.40	2 1/16	29		No. 117							
13	12 1/2	S-2801	S-2800	12.20	2 1/16	37		6*	12	S-3954	S-3955	\$23.00	4 7/16	120	
14	13 1/2 P	S-1124	S-1124	13.00	2 1/16	47		9*	17 1/2	S-3956	S-3957	26.40	4 7/16	168	
15*	14 1/2	S- 809	S-2802	13.80	2 1/16	56		10	19 1/2		S-3958	29.40	4 7/16	180	\$7.70
16	15 1/4	S-2803	S-2804	14.60	2 1/16	58	\$3.25	11	21 1/2		S-3959	34.40	4 7/16	230	9.70
17	16 1/4 P	S-2805	S-2805	15.40	2 1/16	60	3.70	12	23 1/4	60444		39.40	4 7/16	300	12.30
18	17 1/4	S-2308		16.20	2 1/16	65	3.90	16	30 3/4	S-3965		59.60	4 7/16	400	25.70
19	18	S-2806		17.00	2 1/16	70	4.50	20	38 1/4	S-3960	S-3961	83.60	5 7/16	560	48.50
20	18 1/2	S-3655		17.80	2 1/16	75	4.70	21	40 1/4	S-3963	S-3962	89.60	5 7/16	630	55.60
22	21	S-3386		19.40	2 1/16	83	5.50	27	51 1/2	S-3964		126.00	5 1/16	850	
23	22	S-1140	S-2807	20.20	2 1/16	86	5.70	No. 120*							
24	23	S-1134		21.00	2 1/16	90	6.50	Use No. 103 Detachable Sprockets. Page 133							
25	23 3/4	S-2318	S- 619	22.00	2 1/16	95	6.80	No. SS 124*							
29	27 1/2	S-2808		26.00	2 1/16	115	9.60	Use No. 124 Detachable Sprockets. Page 134							
32	30 1/2	S-2809		29.00	2 1/16	130	12.50	No. 149*							
36	34 1/4	S-2810		34.00	2 1/16	146	17.00	6*	8	S-2859	S-2860	\$9.00	2 7/16	25	
38	36	S-2811		36.80	3 1/16	150	19.90	7*	9 1/4 P	S-2861	S-2861	9.80	2 7/16	30	
44	41 3/4	S-2812	S-2813	45.80	3 1/16	165	28.40	8*	10 1/2 P	S- 968	S- 968	10.60	2 7/16	35	
45	42 3/4	S-2814		47.80	3 1/16	170	31.60	9*	11 3/4	S-2862	S-2863	11.60	2 7/16	45	
63	59 3/4	S-3654		86.00	3 1/16	350	86.00	11*	14 1/4	S-2864	S-2865	13.80	2 7/16	65	
75	71	S-3650		113.00	3 1/16	428		12*	15 1/2 P	S-2866	S-2866	15.00	3 7/16	80	
No. 27* Sp.								14	18 P	S-4836	S-4836	17.40	3 7/16	90	\$4.50
Use No. 1 M. R. Sprockets. Page 138								16	20 1/2 P	S-2867	S-2867	19.80	3 7/16	110	5.60
No. S. S. 40*								18	24	S-3998		22.20	3 7/16	130	6.90
Use No. 103 Detachable Sprockets. Page 133								19	24 1/2		S-4192	23.40	3 7/16	150	8.00
No. 112*								No. 152							
6*	8	S-2815	S-2816	\$11.20	2 7/16	45		7*	4 1/4	S-2936	S-2937	\$3.80	1 1/16	5 1/2	
7*	9 1/4	S- 522	S- 875	12.20	2 7/16	50		8*	4 3/4	S-2938	S-2939	4.00	1 1/16	6	
8*	10 1/2	S- 528	S- 553	13.20	2 7/16	55		9*	5 1/2	S-2940	S-2941	4.20	1 7/16	7	
9*	11 3/4	S-1120	S-2817	14.20	3 1/16	70		10*	6	S-2942	S-2943	4.40	1 7/16	8	
10*	13	S-2818	S-2819	15.20	3 1/16	75		11*	6 1/2	S-2944		4.80	1 11/16	10	
11*	14 1/2	S- 965	S-2820	16.20	3 1/16	80		12*	7	S-2945		5.20	1 11/16	12	
12*	15 1/2	S- 305	S-2821	17.40	3 1/16	90		13*	7 3/4	S-2946	S-2947	5.40	1 11/16	14	
13*	17	S- 672	S- 639	18.80	3 1/16	100		14*	8 1/4	S-2948	S-2949	5.80	1 11/16	15	
14*	18 1/4	S-2822	S-2823	20.20	3 1/16	120		16	9 1/2	S-2950	S-2951	6.30	1 11/16	17	
15*	19 1/2	S-2824	S-2825	21.80	3 1/16	135		17	10	S-2952		6.60	1 11/16	18	
16	20 3/4 P	S-2826	S-2826	23.40	3 1/16	150	\$6.60	18	10 1/2	S-2953	S-2954	6.90	2 7/16	20	
17	22	S- 853	S-2827	25.00	3 1/16	165	7.80	19	11 1/4	S-2955		7.20	2 7/16	21	
18	23 1/4	S-2828	S-2829	26.60	3 1/16	175	8.30	20	11 3/4	S-2956		7.50	2 7/16	23	
19	24 1/2	S-1055	S-2830	28.40	3 1/16	185	9.70	21	12 1/2	S-2957	S-2958	7.80	2 7/16	25	
20	25 3/4	S-2831	S- 852	30.20	3 1/16	200	10.30	24	14	S-2959	S-4026	8.60	2 7/16	30	
22	28 1/2	S-2832		33.80	3 1/16	220	13.50	26	15 1/4	S-2960		9.40	2 7/16	32	
23	29 3/4	S-2833	S-2834	35.60	3 1/16	240	14.30	28	16 1/2	S-2961	S-2962	10.30	2 7/16	35	
24	31	S- 637	S-2835	37.60	3 1/16	260	16.20	34	20	S-2963	S-2964	12.30	2 7/16	46	
26	33 1/2	S-2836	S-3938	43.20	3 1/16	275	19.90	40	23 1/2 P	S-2965	S-2965	14.40	2 7/16	58	
28	36	S-2837	S-2838	49.00	3 1/16	290	26.50	42	24 3/4	S-4027		15.20	2 7/16	62	
31	40	S- 640	S-2839	58.00	3 1/16	300	36.00	44	25 3/4	S-2966		16.00	2 7/16	66	
33	42 1/2	S-2840		64.00	3 1/16	330	42.30	48	27 3/4	S-2967		17.00	2 7/16	70	
37	47 3/4		S-2841	76.80	3 1/16	400	56.90	49	28 3/4		S-2968	18.00	2 7/16	75	
40	51 1/2 P	S- 105	S- 105	86.40	4 1/16	475	70.90	64	37 1/2	S-4028		30.00	2 7/16	120	
46	59	S- 503	S-2842	107.60	4 1/16	600	107.60	Nos. 180* and 276*							
No. 116*								5*	20 1/2	S-2869		\$23.00	2 1/16	150	
7	14	S-2843	S-2844	\$16.00	3 1/16	75		6*	24	S-2870	S- 816	28.00	2 1/16	190	
10	19 1/2	S-2845		21.60	3 1/16	157		8	31 1/2	S- 943	S-3467	39.00	3 1/16	230	\$16.80

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Nos. 180* and 276* (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
9	35 1/4	S-372	S-1123	\$47.00	3 7/16	280	\$23.50
10	39P	S-2871	S-2871	55.00	3 7/16	350	31.90
12	46 1/2P	S-139	S-139	73.00	3 7/16	450	54.00
14	54	S-2872		94.00	4 7/16	550	84.60

Nos. 182* and 182 1/2*							
4*	25 1/2	S-2872		\$36.00	3 7/16	240	
5	30 3/4	S-2874	S-2875	48.00	3 7/16	280	\$20.60
6	36	S-982	S-920	64.00	3 7/16	370	34.60
7	41 1/2	S-2876	S-2877	82.00	3 7/16	450	50.80
8	47	S-941	S-2878	101.00	4 7/16	550	74.70
10	58 1/4P	S-1110	S-1110	140.00	4 13/16	750	140.00

No. 234* Use No. 1114 Sprockets Page 144

No. 276* Use No. 180 Sprockets Page 142

No. 301* Use No. 114 Detachable Sprockets Page 134

No. 433 1/2* Use No. 88 Detachable Sprockets Page 133

No. SS 520* Use No. 17 Sprockets. Page 141

No. 575*							
7*	11 3/4	S-2879		\$15.60	3 7/16	105	
9*	14 3/4	S-2880		18.20	3 7/16	135	
10*	16 1/2P	S-2881	S-2881	19.80	3 7/16	180	
13*	21 1/4	S-2882	S-2883	26.00	4 7/16	200	
16	26P	S-2884	S-2884	33.00	4 7/16	220	\$12.20
22	35 1/2	S-2885		52.00	4 13/16	325	26.00
23	37 1/4		S-2886	56.50	4 13/16	350	30.50
30	48 1/2	S-2887		87.00	4 13/16	510	67.80
36	58	S-2888		114.00	5 1/16	725	108.00

No. 809* and No. 982*							
5*	15 1/2P	S-1079	S-1079	\$17.20	2 15/16	65	
6*	18	S-862	S-863	20.00	2 15/16	80	
7*	20 3/4P	S-3335	S-3335	23.40	2 15/16	110	
8	23 1/2	S-865	S-866	27.00	2 15/16	130	\$8.40
10	29 1/4P	S-4814	S-4814	34.20	3 1/16	180	13.70
12	34 3/4P	S-1137	S-1137	45.80	3 7/16	210	22.90

No. 946							
10*	6 1/2P	S-4749	S-4749	\$7.00	1 15/16	11	
12*	7 3/4P	S-4750	S-4750	7.60	2 2/16	18	

No. 950*							
8*	4P	S-2889	S-2889	\$5.00	1 15/16	11	
10*	5P	S-755	S-755	5.40	1 15/16	13	
11*	5 1/2P	S-740	S-740	5.60	1 15/16	14	
12*	5 3/4P	S-741	S-741	5.80	1 15/16	16	
13*	6 1/4P	S-743	S-743	6.00	1 15/16	18	
14*	6 3/4P	S-542	S-542	6.20	2 3/16	22	
15*	7 1/4P	S-742	S-742	6.40	2 3/16	24	
18*	8 3/4P	S-4018	S-4018	7.00	2 7/16	26	
21*	10P	S-2890	S-2890	7.80	2 7/16	28	
25*	12P	S-2891	S-2891	9.00	2 7/16	33	
28	13 1/2P	S-2892	S-2892	9.80	2 7/16	38	
30	14 1/2P	S-2893	S-2893	10.60	2 7/16	44	\$2.35
40	19 1/4P	S-4861	S-4861	14.20	2 7/16	70	3.70
45	21 1/2P	S-3384	S-3384	16.20	2 13/16	80	4.50
57	27 1/4P	S-2894	S-2894	21.00	2 13/16	100	7.80

No. 951* Use No. 126C M. R. Sprockets Page 141

No. 982* Use No. 809 Sprockets Page 143

No. 987* also 1093*-1164* 1169*-1170*-1184* and 1198*—Solid Wheels							
No. of Teeth	Approx. Pitch Diam. in.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
6†	48	29280		\$90.00	4 7/16	425	
8†	62 3/4P	29360	29360	135.00	5 7/16	850	

No. 987* also 1093* 1164*-1169*-1170*-1184* and 1198*—Renewable Rim							
6†	48	{ 61769 61760		\$175.00	4 13/16	600	
8†	62 3/4P	{ 61756 61757	{ 61756 61757	225.00	5 13/16	1100	

No. 1007*							
6*	12P	S-2895	S-2895	\$14.40	3 7/16	85	
10*	19 1/2P	S-2896	S-2896	21.60	3 13/16	140	
12	23 1/4P	S-4579	S-4579	26.40	3 13/16	150	
13	25P	S-4820	S-4820	29.00	3 13/16	160	
15*	29P	S-849	S-849	34.20	3 13/16	200	
16	30 3/4P	S-121	S-121	37.00	3 13/16	230	\$15.90
20	38 1/2P	S-3611	S-3611	54.40	3 13/16	300	31.60

No. 1018* and No. 1168*—Solid Wheels							
6†	36	29824		\$50.00	3 13/16	250	
8†	47P	29822	29822	80.00	4 13/16	400	

No. 1018* and No. 1168* Renewable Rim							
6†	36	{ 61913 61914		130.00	3 13/16	400	
8†	47P	{ 61915 61916	{ 61915 61916	180.00	4 13/16	600	

No. 1072* also No. 1150*-1175* Solid Wheels							
7†	69 1/4	S-1083		170.00	4 13/16	850	
8†	78 1/4P	S-3250	S-3250	220.00	5 13/16	1060	

No. 1072* Renewable Rim							
7	69 1/4P	{ 63453 63454	{ 63453 63454	350.00	4 13/16	1250	
8	78 1/4P	{ 63455 63456	{ 63455 63456	450.00	5 13/16	1800	

No. 1076 and No. 1076 1/2—Renewable Teeth							
6	60P	{ 61510 61479°	{ 61510 61479°	450.00	5 13/16	1150	
8	78 1/2P	{ 61511 61479°	{ 61511 61479°	680.00	5 13/16	2000	

No. 1078* Use No. 180 Sprockets Page 142							
No. 1086—Renewable Teeth							
6	48P	{ 61478 61479°	{ 61478 61479°	430.00	5 13/16	900	

No. 1087*							
6	24	S-4379	S-4380	\$31.00	3 7/16	200	\$10.50
8	31 1/2	S-4172	S-4171	44.00	3 7/16	240	19.00
12	46 1/2	S-3379	S-4173	86.00	4 7/16	400	63.60

No. 1092*							
6	36P	S-107	S-107	\$100.00	5 13/16	400	
8	47P	S-4834	S-4834	150.00	5 13/16	600	

No. 1093* Use No. 987 Sprockets

No. 1094 Use No. 77 Det. Sprockets. Page 132

No. 1095* Use No. 180 Sprockets. Page 142

No. 1105* Use No. 182 Sprockets. Page 143

No. 1107* Use No. 180 Sprockets. Page 142

* Plate Center Wheels; all others have arms.

° Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

° Cast Steel Teeth.

† Indicates Wheels furnished with Chilled Rim only.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 1114* and No. 234							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
5*	6	S-2897	S-2898	\$8.00	1 ⁷ / ₁₆	23	
6*	7	S-2899		8.80	2 ³ / ₁₆	26	
7*	8	S-2901	S-2902	9.60	2 ⁷ / ₁₆	33	
8*	9 ¹ / ₄	S- 679	S-2903	10.40	2 ¹ / ₂	38	
9*	10 ¹ / ₄	S-2904	S-2905	11.20	2 ¹ / ₂	45	
10*	11 ¹ / ₂	S- 320	S- 877	12.20	2 ¹ / ₂	54	
11*	12 ¹ / ₂	S-2906	S-2907	13.20	2 ¹ / ₂	56	
12*	13 ¹ / ₂	S-2908	S- 366	14.20	2 ¹ / ₂	60	
13*	14 ³ / ₄	S-2909		15.20	2 ¹ / ₂	64	
14*	15 ³ / ₄	S-2911	S-2912	16.20	2 ¹ / ₂	68	
15	17	S-2913	S-2914	17.20	2 ¹ / ₂	72	\$4.10
16	18	S- 848	S- 340	18.20	2 ¹ / ₂	76	4.40
17	19	S-2915	S-2916	19.20	2 ¹ / ₂	80	5.00
18	20 ¹ / ₄	S-2917	S-2918	20.20	2 ¹ / ₂	90	5.70
19	21 ¹ / ₄	S- 449	S-2919	21.20	2 ¹ / ₂	95	5.90
20	22 ¹ / ₂	S-2920	S-1092	22.20	2 ¹ / ₂	100	6.90
21	23 ¹ / ₂	S-2921	S- 630	23.40	2 ¹ / ₂	110	7.30
22	24 ¹ / ₂	S-2922		24.60	2 ¹ / ₂	125	8.40
24	26 ³ / ₄	S- 461		27.40	2 ¹ / ₂	140	10.10
25	28	S-1068	S-2923	28.80	2 ¹ / ₂	145	10.70
27	30 ¹ / ₄	S- 984	S-2924	31.60	2 ¹ / ₂	160	13.60
29	32 ¹ / ₂	S-2925	S-2926	34.40	2 ¹ / ₂	170	15.80
32	35 ³ / ₄	S- 525	S-2927	38.80	3 ¹ / ₁₆	200	19.40
33	37		S-2928	40.40	3 ¹ / ₁₆	210	21.80
35	39	S-2929		43.80	3 ¹ / ₁₆	230	25.40
36	40 ¹ / ₄	S- 657	S-2930	45.60	3 ¹ / ₁₆	240	28.30
38	42 ¹ / ₂	S- 927	S-2931	49.20	3 ¹ / ₁₆	260	32.50
43	48	S-1141	S-2932	60.00	3 ¹ / ₁₆	310	44.40
50	56	S-2671	S-2933	79.60	3 ⁷ / ₁₆	400	75.60
56	62 ¹ / ₂	S-450		97.00	3 ⁷ / ₁₆	475	

No. 1120*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
6	24P	S-3375	S-3375	\$28.00	2 ¹ / ₁₆	200	
9	35P	S-3376	S-3376	47.00	3 ¹ / ₁₆	300	

No. 1126*							
Use No. 126 M. R. Page 141							
No. 1126C*							
Use No. 126C M. R. Page 141							
No. 1144*							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
6	36P	S-3952	S-3952	\$64.00	3 ⁷ / ₁₆	370	\$34.60
8	47P	S-3953	S-3953	101.00	4 ¹ / ₁₆	550	74.70

No. 1164							
Use No. 987 Sprockets. Page 143							
No. 1168							
Use No. 1018 Sprockets. Page 143							
No. 1169							
Use No. 987 Sprockets. Page 143							
No. 1170							
Use No. 987 Sprockets. Page 143							
No. 1175							
Use No. 1072 Sprockets. Page 143							
No. 1184							
Use No. 987 Sprockets. Page 143							
No. 1187							
Use No. 1092 Sprockets. Page 143							
No. 1197							
Use No. 1092 Sprockets. Page 143							
No. 1198							
Use No. 987 Sprockets. Page 143							
No. 1199							
Use No. 809 Sprockets. Page 143							
No. 1208*							
6	48P	S-4833	S-4833	\$90.00	4 ¹ / ₁₆	425	
No. 1234							
Use No. 1114 Sprockets. Page 144							
No. 3007							
Use No. 1007 Sprockets. Page 143							

Jeffrey Sprocket Wheels for Vulcan Chains

No. 119*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
4*	21	S-2969	S-1105	\$22.60	3 ⁷ / ₁₆	150	
5	26	S-2970	S-2971	28.60	3 ⁷ / ₁₆	180	\$11.40
6	31	S-1094	S-2972	35.00	3 ⁷ / ₁₆	200	15.10
7	36	S-1103	S-2973	42.00	3 ¹ / ₂	240	22.70
9	46P	S-4582	S-4582	62.00	3 ¹ / ₂	320	45.90
12	61 ¹ / ₄ P	S-2974	S-2974	102.00	4 ¹ / ₁₆	500	

No. 144*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
7	18	S-4021		\$11.40	2 ¹ / ₁₆	55	\$3.00
9	23	S-4022		14.20	2 ¹ / ₁₆	68	4.40

No. 211*							
Use No. 526							
No. 241*							
Use No. 526							
No. 287*							
8	20 ¹ / ₂ P	S-4228	S-4228	\$21.00	2 ¹ / ₁₆	100	\$5.90

No. 313* and 313 ¹ / ₂ *							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
5*	19 ¹ / ₂	S-2975		\$18.00	3 ⁷ / ₁₆	110	
6	23 ¹ / ₄	S- 840		22.00	3 ⁷ / ₁₆	140	\$6.80
7	27P	S-2976	S-2976	26.00	3 ⁷ / ₁₆	180	9.60
8	30 ³ / ₄ P	S- 673	S- 673	30.40	3 ⁷ / ₁₆	200	13.10
9	34 ¹ / ₂ P	S-2977	S-2977	34.80	3 ⁷ / ₁₆	220	17.40
10	38 ¹ / ₄	S-2978	S-2979	40.80	3 ¹ / ₂	260	23.70
16	61 ¹ / ₄ P	S-4493		96.00	4 ¹ / ₁₆	460	

No. 327*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
4*	15 ³ / ₄	S-2980		\$17.00	3 ⁷ / ₁₆	120	
5	19 ¹ / ₂	S- 569		21.00	3 ⁷ / ₁₆	140	\$5.50
6	23 ¹ / ₄	S-2981	S-2982	25.40	3 ¹ / ₂	175	7.90
8	30 ³ / ₄	S-2983	S-2984	35.00	3 ¹ / ₂	215	15.10

No. 329*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
6	12 ³ / ₄	S-4347	S-4348	\$10.60	2 ¹ / ₁₆	50	
11	23P	S-4859	S-4859	18.80	2 ¹ / ₁₆	80	\$5.30

No. 526*							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
3*	12 ¹ / ₂ P	S-2985	S-2985	\$10.80	2 ¹ / ₁₆	40	
4	15 ³ / ₄	S-4129		13.20	2 ¹ / ₁₆	52	\$2.90
5	19 ¹ / ₂	S- 879	S-3195	16.00	2 ¹ / ₁₆	75	4.20
6	23 ¹ / ₄	S-1002	S-1058	19.00	3 ¹ / ₁₆	90	5.90
7	27	S- 806	S- 602	23.60	3 ¹ / ₁₆	125	8.80
8	30 ³ / ₄	S-1056	S-2986	28.40	3 ¹ / ₁₆	145	12.20
9	34 ¹ / ₂	S-2987	S-2988	34.00	3 ¹ / ₁₆	175	17.00
10	38 ¹ / ₂	S-2989	S- 905	41.00	3 ¹ / ₁₆	200	23.80
11	42 ¹ / ₄	S-4136	S-4135	48.60	3 ¹ / ₁₆	250	32.10
12	46	S-2992		56.00	3 ¹ / ₁₆	300	41.50
14	53 ¹ / ₂	S-2993	S-2994	75.00	3 ¹ / ₁₆	425	64.50
24	91 ¹ / ₄	S-2995					

No. 527 ¹ / ₂							
No. of Teeth	Approx. Pitch Diam. In.	Driven	Driver	List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
5*	13	S-4571		\$11.20	2 ¹ / ₁₆	45	
6*	15 ¹ / ₂	S-4572		13.20	2 ¹ / ₁₆	60	

* Plate Center Wheels; all others have arms.

* Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Vulcan Chains

Cast Iron

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 527½ (Continued)							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
8	20½	S-4575	S-4573	\$17.40	2 15/16	80	\$4.90
9	24¼	S-4574	S-4576	20.60	2 15/16	95	7.00
No. 558*							
4*	21P	S-2996	S-2996	\$20.00	2 15/16	100	
5	26	S- 971	S-2997	25.40	2 15/16	135	\$8.60
6	31	S-2998	S-2999	31.00	2 15/16	175	13.30
7	36	S- 914	S-3000	37.00	2 15/16	220	20.00
8	41	S-3001	S- 548	44.00	3 7/16	250	27.30
9	46P	S-3002	S-3002	52.00	3 7/16	310	38.50
11	56¼	S-3003		70.00	3 7/16	425	66.50
No. 588*							
Use No. 119							

No. 623½*							
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	Extra for Plate Center
		Driven	Driver				
4*	31½P	S-3004	S-3004	\$39.00	3 15/16	250	
5	38¾	S-3005		52.00	3 15/16	350	\$30.20
No. 627*							
4*	31½P	S-3006	S-3006	\$56.00	4 7/16	320	
5	39 P	S- 931	S- 931	84.00	4 7/16	540	\$48.70
No. 1068*							
4	47P	S-2187	S-2187	\$195.00	4 15/16	1050	\$144.00
No. 1127							
Use No. 527½							
No. 1132*							
Use No. 526							
No. 1219*							
Use No. 327							

Jeffrey Sprocket Wheels for F. and R. Link Chains

No. 504½*						
4*	10¾	†S-3052	S-3053	\$ 8.00	2 7/16	35
5*	13¼	†S-3054	†S-4446	9.50	2 15/16	50
6*	15¾	†S-4447	†S-4448	11.00	2 15/16	60
7*	18¼	†S-4466	†S-4452	12.80	2 15/16	70
8	20½	†S-3057	†S-4453	14.60	2 15/16	80 \$ 4.10
9	23¼	†S-4455	†S-4456	16.60	2 15/16	90 5.20
11	28¼	†S-4458		21.80	2 15/16	100 8.80
12	30¾	†S-4459	†S-4460	25.20	2 15/16	110 10.90
14	35¾	†S-4463	†S-4465	32.00	2 15/16	150; 16.00
No. 506*						
3*	12½	†S-3061	S-3062	\$ 9.00	2 7/16	45
4*	16	†S-3063	†S-3064	11.20	2 15/16	55
5	19½	†S-3065	†S-3066	13.60	2 15/16	70 \$ 3.55
6	23½	†S-3067	†S-3068	16.80	2 15/16	95 5.20
7	27	†S-3069	†S-3070	20.40	2 15/16	110 7.60
8	31	†S-3071	†S-3072	25.00	2 15/16	125 10.80
9	34¾	†S-3073	†S-3074	29.60	2 15/16	165 14.80
12	46½	†S-3075	†S-3076	47.00	3 7/16	220 34.80
14	53½	†S-3077	†S-3078	62.00	3 7/16	300 53.40
16	61½		†S-3079	83.00	3 7/16	400
22	84	†S-4484	†S-4483	150.00	3 7/16	600
No. 516* and 516½*						
3	12	S-4526	S-4527	\$11.60	2 15/16	50
4*	16	†S-3080	†S-3081	15.00	2 15/16	65
5	19¾	†S- 983	†S-3082	18.40	2 15/16	75 \$ 4.80
6	23½	†S-3083	†S-3084	22.00	3 7/16	90 6.90
7	27¼	†S- 613	†S-3085	25.60	3 7/16	120 9.50
8	31P	†S-4535	†S-4535	29.60	3 15/16	140 12.80

Nos. 516* and 516½* (Continued)						
9	34¾	†S-3086	†S-3087	\$34.00	3 15/16	180 \$17.00
10	38½	†S-3088	†S-3089	39.00	3 15/16	215 22.70
11	42¼	†S-3090	S-3091	44.80	3 15/16	255 29.60
12	46	†S-3092	†S-3093	51.00	3 15/16	270 37.80
15	57½	†S-3094	†S-3095	80.00	3 15/16	360 76.00
No. 518* and 519*						
4	21¼	†S-3110		\$23.00	3 7/16	120 \$ 6.50
5	26¼	†S-3111	†S-3113	29.00	3 7/16	140 10.80
6	31¼	†S-3112	†S-3114	35.60	3 15/16	185 15.30
7	36¼	†S- 591	†S-3115	43.00	3 15/16	240 23.30
9	46		S-3109	65.00	3 15/16	310 48.10
11	56¼	†S-3116	†S-3117	87.00	3 15/16	385 82.70
14	71½	†S 4551	S-3119	125.00	3 15/16	550
No. 520*						
4	21	S-3120		\$24.20	3 15/16	150 \$ 6.80
5	26¼	†S- 893	†S- 994	31.00	3 15/16	180 11.50
6	31¼	†S-3121	†S- 574	39.00	3 15/16	250 16.80
7	36¼	†S-1007	†S- 544	50.00	3 15/16	340 27.00
9	46½	†S-3122	†S-3123	78.00	3 15/16	520 57.80
No. 520½*						
5	26¼	†S- 608	†S-3124	\$35.00	2 15/16	235 \$13.00
6	31¼	†S- 609		44.00	3 15/16	330 19.00
7	36¼	†S- 555	†S-3125	62.00	3 15/16	430 33.50
No. 521*						
4	26½	†S-3126	†S-3127	\$38.00	4 7/16	250 \$14.10
5	32¾	†S-3128		48.00	4 7/16	360 22.10
6	39	†S-3129		70.00	4 7/16	480 40.60

* Plate Center Wheels; all others have arms.

† Indicates Wheels which can be furnished with Chilled Rims.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

† Short or Long Tooth.

† Long Tooth only.

Short Tooth Sprockets (not marked) are standard.

Jeffrey Sprocket Wheels for Steel Bar Drag Chains

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

Cast Iron

No. 560							No. 571						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
		Driven	Driver						Driven	Driver			
6	12		S-3016	\$16.60	2 $\frac{13}{16}$	65	7	23	S-3036		\$52.00	3 $\frac{7}{16}$	250
9	17 $\frac{1}{2}$		S-3017	23.20	2 $\frac{13}{16}$	78	No. 572 $\frac{1}{2}$						
10	19 $\frac{1}{2}$	S-3018	S-3019	26.00	2 $\frac{13}{16}$	93	5	17		S-3038	\$36.00	3 $\frac{7}{16}$	148
12	23 $\frac{1}{4}$	S-3020	S-3021	33.00	2 $\frac{13}{16}$	120	6	20	S-3039	S-3040	42.00	3 $\frac{7}{16}$	170
No. 562							7	23	S-4666	S-4667	48.00	3 $\frac{7}{16}$	210
5	17	S-3022		\$36.00	3 $\frac{7}{16}$	140	9	29 $\frac{1}{4}$ P	S-3041	S-3041	62.00	3 $\frac{7}{16}$	290
9	29 $\frac{1}{4}$ P	S-3023	S-3023	62.00	3 $\frac{7}{16}$	285	No. 592						
Nos. 564 and 566							5	17	S-3022	S-3038	\$36.00	3 $\frac{7}{16}$	175
4	11 $\frac{1}{4}$	S-4664		\$18.00	2 $\frac{13}{16}$	115	7	23	S-3031		48.00	3 $\frac{7}{16}$	245
5	13 $\frac{3}{4}$		S-3024	23.20	2 $\frac{13}{16}$	120	8	26 $\frac{1}{4}$ P	S-3043	S-3043	56.00	3 $\frac{7}{16}$	280
6	16		S-3025	28.40	2 $\frac{13}{16}$	123	No. 595						
8	21	S-3026	S-3027	33.60	2 $\frac{13}{16}$	130	6	12		S-3016	\$16.60	2 $\frac{13}{16}$	70
9	23 $\frac{1}{2}$	S-3028		38.80	2 $\frac{13}{16}$	170	8	15 $\frac{3}{4}$		S-3044	20.80	2 $\frac{13}{16}$	85
No. 570							9	17 $\frac{1}{2}$		S-3017	23.20	2 $\frac{13}{16}$	92
5	17P	S-3030	S-3030	\$36.00	2 $\frac{13}{16}$	140	10	19 $\frac{1}{2}$	S-3018	S-3019	26.00	2 $\frac{13}{16}$	97
7	23	S-3031		48.00	2 $\frac{13}{16}$	237							
9	29 $\frac{1}{4}$		S-3033	62.00	2 $\frac{13}{16}$	290							
11	35 $\frac{1}{2}$	S-3034	S-3035	76.00	2 $\frac{13}{16}$	350							

Jeffrey Sprocket Wheels for Climax Chains

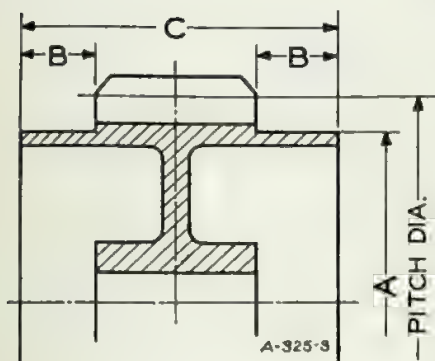
No. 306 $\frac{1}{2}$ *							No. 357 $\frac{1}{2}$ *						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wgt. Each Lbs.
		Driven	Driver						Driven	Driver			
3*	12	S-4285		\$13.60	3 $\frac{7}{16}$	65	5	22 $\frac{1}{2}$	S-769		\$23.00	3 $\frac{7}{16}$	118
4*	15 $\frac{3}{4}$	S-3251		17.20	3 $\frac{7}{16}$	85	6	27	S-3172	S-3173	29.00	3 $\frac{7}{16}$	160
5*	19 $\frac{1}{2}$	S-3252		21.00	3 $\frac{7}{16}$	100	7	31 $\frac{1}{2}$	S-3174	S-506	35.00	3 $\frac{13}{16}$	200
6	23 $\frac{1}{4}$	S-3254	S-4287	25.40	3 $\frac{13}{16}$	120	8	31 $\frac{3}{4}$	S-3175	S-3176	42.00	3 $\frac{13}{16}$	260
8	30 $\frac{3}{4}$	S-3256	S-3257	34.00	3 $\frac{13}{16}$	180	9	40 $\frac{1}{4}$	S-3177	S-3178	49.00	3 $\frac{13}{16}$	330
9	34 $\frac{1}{2}$	S-3258	S-3259	39.00	3 $\frac{13}{16}$	230	11	49		S-3179	66.00	3 $\frac{13}{16}$	470
10	38 $\frac{1}{4}$	S-3260	S-3261	45.00	3 $\frac{13}{16}$	280	14	62 $\frac{1}{2}$	S-3180		96.00	3 $\frac{13}{16}$	630
11	42 $\frac{1}{2}$		S-4289	51.00	3 $\frac{13}{16}$	340	16	71 $\frac{1}{4}$	S-3182		120.00	3 $\frac{13}{16}$	750
14	53 $\frac{3}{4}$		S-4290	72.00	3 $\frac{13}{16}$	480	No. 358 $\frac{1}{2}$ *						
No. 356 $\frac{1}{2}$ *							5	26	S-3185	S-3186	\$32.00	4 $\frac{1}{16}$	180
4*	15 $\frac{3}{4}$	S-3162		\$15.00	2 $\frac{13}{16}$	75	6	31	S-3187	S-301	41.00	4 $\frac{1}{16}$	255
5*	19 $\frac{1}{2}$	S-3163	S-3164	18.40	2 $\frac{13}{16}$	95	7	36	S-3188	S-4276	52.00	4 $\frac{13}{16}$	280
6	23 $\frac{1}{4}$	S-792	S-601	22.00	3 $\frac{7}{16}$	105	8	41	S-3190	S-3191	60.00	4 $\frac{13}{16}$	370
7	27P	S-3165	S-3165	25.60	3 $\frac{7}{16}$	140	9	46	S-3192	S-3193	80.00	4 $\frac{13}{16}$	470
8	30 $\frac{3}{4}$	S-3166	S-3167	29.60	3 $\frac{13}{16}$	162	No. 362 $\frac{1}{2}$ *						
9	34 $\frac{1}{2}$	S-3168	S-3169	34.00	3 $\frac{13}{16}$	200	4	31 $\frac{1}{2}$		S-3263	\$46.00	4 $\frac{1}{16}$	290
10	38 $\frac{1}{4}$	S-3170	S-3171	39.00	3 $\frac{13}{16}$	240	5	38 $\frac{3}{4}$	S-3264		64.00	4 $\frac{13}{16}$	365

* Plate Center Wheels; all others have arms.

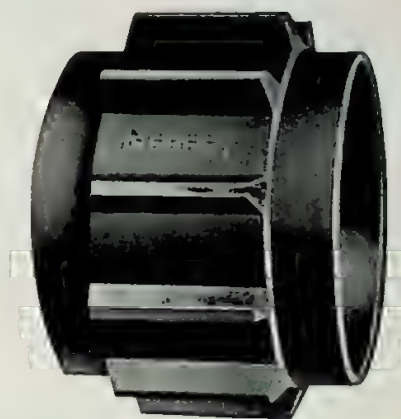
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Drag Chains

Side Extension Sprockets



Extra Heavy Sprocket with Extension on each side for Delivery End of Conveyors.



Side Extension Sprockets for Reliance Drag Chains

Chain No.	No. of Teeth	Pitch Diam.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
102	7	11 $\frac{3}{4}$ P	62438	\$23.80	2 $\frac{1}{2}$	124	8 $\frac{1}{2}$	4 $\frac{1}{8}$	14 $\frac{1}{2}$
102	8	13 $\frac{1}{4}$ P	62651	26.20	2 $\frac{1}{2}$	161	10 $\frac{1}{8}$	4 $\frac{1}{8}$	14 $\frac{1}{2}$
102	10	16 $\frac{1}{4}$ P	62399	31.40	2 $\frac{1}{2}$	175	13 $\frac{3}{8}$	2 $\frac{5}{8}$	11 $\frac{1}{2}$
102	13	21 P	64113	42.20	2 $\frac{1}{2}$	250	18 $\frac{1}{2}$	3 $\frac{3}{4}$	13 $\frac{3}{4}$
104	6	12 Dn	63314	22.60	2 $\frac{1}{2}$	100	8 $\frac{1}{2}$	3	10 $\frac{1}{4}$
104	7	14 P	63465	25.40	2 $\frac{1}{2}$	133	10 $\frac{1}{2}$	3 $\frac{3}{4}$	11 $\frac{3}{4}$
104	9	17 $\frac{3}{4}$ Dn	62471	31.60	2 $\frac{1}{2}$	172	14	3 $\frac{7}{8}$	12
104	11	21 $\frac{1}{2}$ Dn	63028	39.60	2 $\frac{1}{2}$	210	18 $\frac{5}{8}$	2 $\frac{3}{8}$	9
110	6	12 P	62592	28.00	2 $\frac{1}{2}$	135	8 $\frac{1}{4}$	3 $\frac{3}{4}$	16 $\frac{3}{8}$
110	8	15 $\frac{3}{4}$ P	62220	36.60	2 $\frac{1}{2}$	197	12 $\frac{3}{4}$	2 $\frac{1}{8}$	13 $\frac{1}{2}$
110	9	17 $\frac{1}{2}$ P	62585	40.80	2 $\frac{1}{2}$	222	14 $\frac{3}{4}$	3 $\frac{3}{4}$	16 $\frac{3}{8}$
110	11	21 $\frac{1}{2}$ P	62404	48.20	2 $\frac{1}{2}$	279	18 $\frac{1}{2}$	3 $\frac{3}{4}$	16 $\frac{3}{8}$
112	7	18 $\frac{3}{4}$ P	63482	43.40	2 $\frac{1}{2}$	202	14 $\frac{5}{8}$	3 $\frac{3}{4}$	16 $\frac{1}{2}$

Side Extension Sprockets for Steel Drag Chain

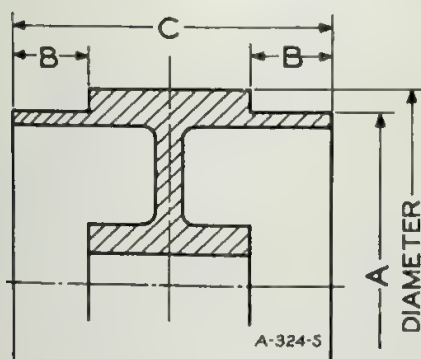
560	12	23 $\frac{1}{4}$ Dg	64021	\$44.00	2 $\frac{1}{2}$	210	20 $\frac{1}{2}$	3 $\frac{3}{4}$	12 $\frac{3}{4}$
566	6	16 Dg	62433	35.00	2 $\frac{1}{2}$	150	11 $\frac{1}{2}$	4	14
566	9	23 $\frac{1}{2}$ Dn	62437	49.00	2 $\frac{1}{2}$	200	20	3	12
571	7	23 Dn	62787	62.00	3 $\frac{1}{2}$	315	17 $\frac{3}{4}$	3 $\frac{3}{4}$	15 $\frac{3}{4}$

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Dg. Indicates Driving Sprocket.

Dn Indicates Driven Sprocket.

Side Extension Plain Face Idlers for Reliance and Steel Drag Chains



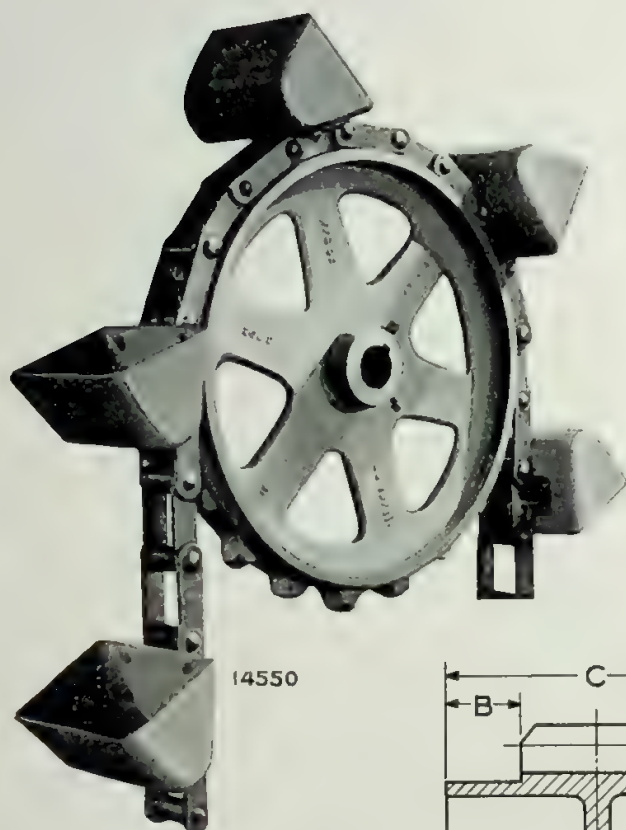
Traction Wheel with Extended Rim



Chain No.	Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
104	18	62868	\$35.20	2 $\frac{1}{2}$	180	16 $\frac{1}{2}$	3 $\frac{3}{4}$	11 $\frac{5}{8}$
110	16 $\frac{1}{8}$	62586	40.80	2 $\frac{1}{2}$	215	14 $\frac{5}{8}$	1 $\frac{1}{2}$	13
566	23	62140	44.00	2 $\frac{1}{2}$	200	20	3 $\frac{3}{4}$	13 $\frac{1}{2}$

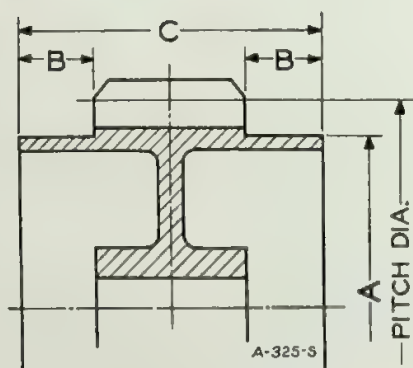
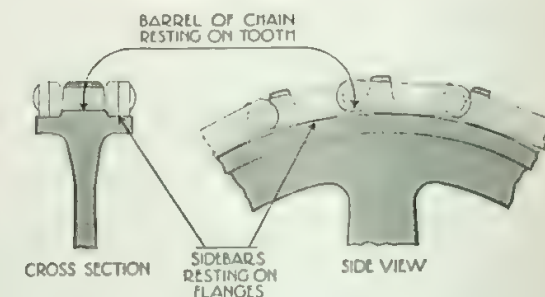
Jeffrey Flanged Sprockets for Hercules Chains

Cast Iron



14550

JEFFREY CHAINSAVER Sprockets are especially designed for Elevator Service in Fertilizer Plants. Add 50% or more to the life of elevator chains. The chain rides on the flanges as well as seating in the usual position, thus distributing the wear.



List Price and Dimensions

Chain No.	No. of Teeth	Approx. Pitch Diam.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	A In.	B In.	C In.
102B	14	18P	63007	\$26.00	2 $\frac{1}{8}$	110	15 $\frac{13}{16}$	1 $\frac{1}{8}$	4 $\frac{1}{8}$
102 $\frac{1}{2}$	15	19 $\frac{1}{2}$	63418	33.00	2 $\frac{1}{8}$	125	17 $\frac{1}{8}$	1 $\frac{3}{16}$	4 $\frac{1}{4}$
111	20	30 $\frac{1}{2}$ P	63467	54.00	3 $\frac{7}{16}$	280	28 $\frac{7}{16}$	1 $\frac{3}{4}$	4 $\frac{3}{4}$
132	16	31 $\frac{1}{2}$ P	63419	70.00	3 $\frac{7}{16}$	405	28 $\frac{3}{4}$	1 $\frac{9}{16}$	6 $\frac{1}{8}$
132	19†	37Dn	64366	105.00	3 $\frac{15}{16}$	510	34 $\frac{3}{8}$	1 $\frac{5}{8}$	6 $\frac{1}{8}$
*1226	10	19 $\frac{1}{2}$ P	65103	42.00	2 $\frac{1}{8}$	230	16 $\frac{1}{4}$	5 $\frac{1}{16}$	14

† Using No. 122 Detachable Sprocket.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Dn Indicates Driven Sprocket only.

* Flanged Sprocket but not "Chainsaver" type.

Jeffrey Sprocket Wheels for Long Link Coil Chains



Fig. 1 Plain Solid Tooth Sprocket

Cast Iron Sprockets

For Best Service Use Solid Teeth for Short Conveyors of Ordinary Duty. Expansion Teeth for long Conveyors or Heavy Duty.

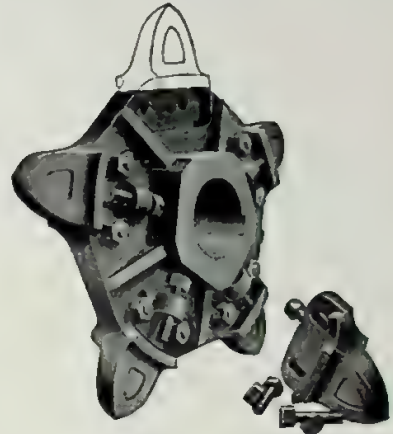


Fig. 2 Plain Expansion Tooth Sprocket

Plain Solid Tooth—Fig. 1						Flanged Solid Tooth—Fig. 3				Plain Expansion Tooth—Fig. 2			Flanged Expansion Tooth—Fig. 4		
Chain No.	No. of Teeth	Driven		Driver		Driven		Driver		Pitch Dia.	Center Pat. No.	Teeth Pat. No.	Pitch Dia.	Center Pat. No.	Teeth Pat. No.
		Pitch Dia.	Pat. No.	Pitch Dia.	Pat. No.	Pitch Dia.	Pat. No.	Pitch Dia.	Pat. No.						
530	5	13.17	{ S-3130 26888P†	13.22	{ S-3131 26888P†	13.19	12599P†	13.19	12599P†						
	6	15.66	{ S-3132P† S-3133	15.69	{ S-3132P† S-3133	15.66	S-3112P†	15.66	S-3112P†	15.66	8250	14585	15.66	8250	8249
	8	20.67	{ S-3134P S-3135P†	20.67	{ S-3134P S-3135P†	20.63	S-3213†			20.67	19254†	26621	20.67	{ 8706 19254†	{ 8705 19253
	9	23.18	{ S-3136P S-3136P	23.18	{ S-3136P S-3136P	23.18	12955P†	23.18	12955P†						
531	4	13.45	{ S-3138P S-3141P†	13.45	{ S-3138P S-3141P†	13.45	12574P†	13.45	12574P†						
	5	16.48	{ S-3140P S-3140P	16.48	{ S-3140P S-3140P	16.44	S-3139†								
	6	19.52	{ S-3143P S-3142P†	19.52	{ S-3143P S-3142P†			19.59	S-3137†	19.52	5234	5233	19.52	{ 5234 15874†	{ 8247 15875
	7	22.73	{ S-3144P S-3144P	22.73	{ S-3144P S-3144P	22.73	S-3145P†	22.73	S-3145P†						
	8	25.87	{ S-3146† S-3147P†	25.87	{ S-3146† S-3147P†	25.87	S-3215†	25.87	S-3215†				25.80	28346†	15875
532	5	19.69	{ S-3149P S-3150†	19.69	S-3149P	19.69	9959P†	19.69	9959P†						
	6	23.62	{ S-3151† S-3151P	23.62	S-3151P	23.62	S-3216P†	23.62	S-3216P†	23.61	8137†	14639	23.61	8137†	8138
	8			31.25	S-3153†	30.98	S-3217†								
533	4	18.74	S-3154			18.78	S-3155P	18.78	S-3155†						
	5	23.06	S-3156P†	23.06	S-3156P†	23.06	{ 12396P† S-3218P	23.06	{ 12396P† S-3218P	23.06	{ 8727† 8047	8726 8048	23.06	{ 8727† 8047	{ 12263 12171
534	7			31.73	S-3157										
	5			23.17	{ S-3158 S-3219†	23.13	9992P†	23.13	9992P†	23.13	{ 5605 5314†	399 5313	23.13	{ 5605 20740†	{ 12382 20729
535	5	26.52	26883P†			26.52	8713P†	26.52	8713P†	26.52	8592	14980	26.52	8592	8591
	6												31.55	8511	8510
536	5	26.49	S-3160	26.59	S-3161	26.54	S-3159	26.54	S-3159	26.54	5078	5077	26.54	5078	8595
541	5												19.96	8159	8158
542	6					23.50	{ S-3220P S-3221P†	23.50	{ S-3220P S-3221P†				23.50	8137†	17137

† Gapped Wheels for clearing such attachments or parts as may extend below the Chain as it rides over the wheels. All other wheels are not gapped. P Indicates Perfect diameter of Sprockets which can be used either for Driven or Driver.

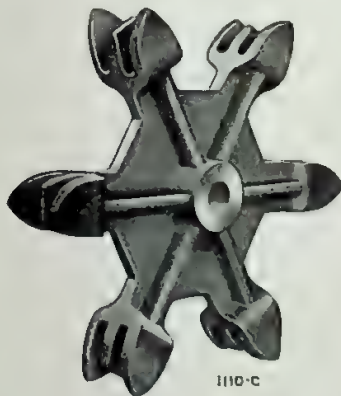


Fig. 3 at left shows Jeffrey Flanged Solid Tooth Sprocket with Gaps.

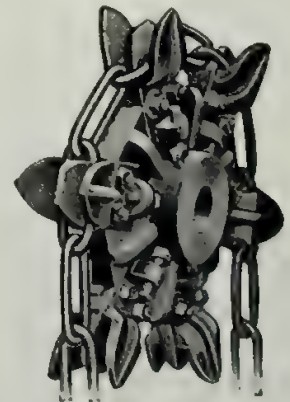


Fig. 4 at right shows Flanged Expansion Tooth Sprocket.

Jeffrey Sprocket Wheels for Long Link Coil Chains

List Price Cast Iron Sprockets

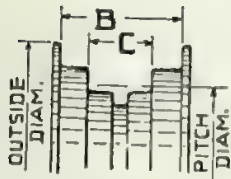
Chain No.	No. of Teeth	Plain Solid Tooth Fig. 1				Approx. Weight Lbs.	Flanged Solid Tooth Fig. 3			Approx. Weight Lbs.	Plain Expansion Tooth Fig. 2		Approx. Weight Lbs.	Flanged Expansion Tooth Fig. 4		Approx. Weight Lbs.
		Pitch Diam. Driven	Pitch Diam. Driver	Largest Bore	List Price		Pitch Diam. Driven	Pitch Diam. Driver	List Price		Pitch Diam.	List Price		Pitch Diam.	List Price	
530	5	13.17	13.22	2 $\frac{1}{16}$	\$10.00	35	13.19	13.19	\$13.00	50						
	6	15.66	15.69	2 $\frac{1}{8}$	12.00	50	15.66	15.66	16.00	70	15.66	\$ 48.00	80	15.66	\$ 54.00	86
	8	20.67	20.67	2 $\frac{1}{4}$	16.00	70	20.63		22.00	120	20.67	55.00	110	20.67	62.00	120
	9	23.18	23.18	2 $\frac{3}{8}$	19.00	90	23.18	23.18	26.00	140						
531	4	13.45	13.45	2 $\frac{1}{8}$	11.00	40	13.45	13.45	15.00	65						
	5	16.48	16.48	2 $\frac{1}{4}$	14.00	65	16.44		19.00	100						
	6	19.52	19.52	2 $\frac{3}{8}$	17.00	85		19.59	23.00	115	19.52	65.00	135	19.52	75.00	150
	7	22.73	22.73	2 $\frac{1}{2}$	21.00	100	22.73	22.73	27.00	130						
	8		25.87	2 $\frac{3}{4}$	25.00	125		25.87	32.00	175				25.80	95.00	210
	9	28.97	28.97	2 $\frac{7}{8}$	30.00	150	28.97	28.97	39.00	225						
532	5	19.69	19.69	3 $\frac{1}{16}$	19.00	85	19.69	19.69	25.00	125						
	6	23.62	23.62	3 $\frac{1}{8}$	26.00	140	23.62	23.62	33.00	170	23.61	92.00	205	23.61	110.00	240
	8		31.25	3 $\frac{3}{8}$	42.00	235	30.98		51.00	260						
533	4	18.74		3 $\frac{1}{4}$	24.00	120	18.78	18.78	33.00	180						
	5	23.06	23.06	3 $\frac{1}{2}$	31.00	170	23.06	23.06	42.00	250	23.06	98.00	225	23.06	118.00	265
	7		31.73	3 $\frac{3}{4}$	46.00	235										
534	5		23.17	3 $\frac{1}{2}$	34.00	200	23.13	23.13	46.00	265	23.13	120.00	330	23.13	140.00	355
	7	31.78		3 $\frac{3}{4}$	50.00	285										
535	5	26.52		4 $\frac{1}{4}$	42.00	225	26.52	26.52	56.00	300	26.52	145.00	370	26.52	180.00	440
	6			4 $\frac{1}{2}$										31.55	220.00	555
536	5	26.49	26.59	4 $\frac{1}{2}$	55.00	300	26.54	26.54	70.00	400	26.54	160.00	410	26.54	205.00	500
541	5			3 $\frac{1}{2}$										19.96	105.00	220
542	6			3 $\frac{3}{4}$			23.50	23.50	43.00	225				23.50	124.00	250

Expansion Tooth Sprockets can be used either for Driver or Driven.

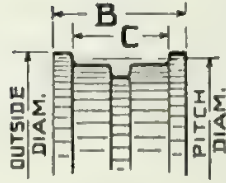
Jeffrey Idlers for Long Link Coil Chains

Cast Iron

Heavy Grooved Idlers—Types A and B

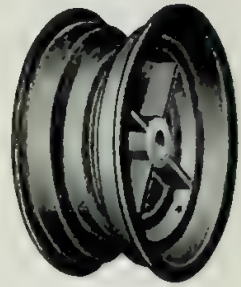


Type B



Type A

In the use of S-1½ Spurs (page 115, the Overall Width of Spurs must be less than distance "B" listed below on those Heavy Flanged and Grooved Idlers having Outside Flanges. See note‡.



Heavy Flanged and Grooved Idlers—Type B

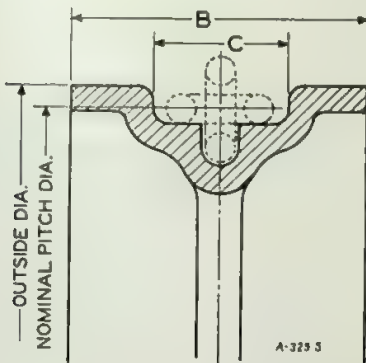
Chain No.	Approx. Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam.
530	16	18993	\$32.00	2 3/16	180	9	3 3/4	23 1/2
531	16	18994	38.00	2 3/16	220	9 5/8	4 1/4	24 3/8
532	24	18995	71.00	2 7/16	420	10 3/4	4 7/8	33 3/8
535	27	62525	116.00	3 7/16	700	11 1/2	6 3/4	40 3/8

‡Heavy Grooved Idlers—Type A

533	24	18996	\$57.00	2 15/16	333	9 1/2	5 3/4	29 1/8
534	27	18997	83.00	2 15/16	492	10	6 3/8	33 1/4
535	27	18998	90.00	3 1/16	535	10 1/2	6 3/4	34 3/8
536	27	18999	110.00	3 1/16	650	11 1/4	7 1/2	35

‡These Idlers have no outside flange. Outside flanges on Type B Idlers will be stopped off on order.

Inverted Spur Idlers—Type C



§Inverted Spur Idlers—Type C

Chain No.	Approx. Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam. Inches
531	17 1/2	14837	\$22.00	2 7/16	112	6 1/4	3 1/2	17 1/2
532	18	61796	27.00	2 7/16	140	6 1/4	4	20
532	20	5129	28.00	2 7/16	160	6 1/4	4	22 3/4
532	24	61794	33.00	2 7/16	188	6 1/4	4	25 1/2
533	23	61797	34.00	2 15/16	188	5 1/4	3 1/2	24 3/4
534	19 1/2	61799	40.00	2 15/16	230	7 1/4	4 5/8	20 1/2
535	23	61800	42.00	2 15/16	240	8	4 3/4	24
536	20	8231	37.00	2 13/16	214	8	5 1/4	21 1/4
536	26	13634	46.00	2 13/16	266	8	5 1/4	27 1/4

§Support Inverted Spurs on runways between Idlers. This is a preferred construction.

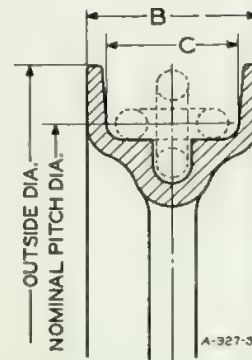
Jeffrey Idlers for Long Link Coil Chains

Cast Iron

Plain Grooved Idlers—Type D



562-c



†Plain Grooved Idlers—Type D								
Chain No.	Nominal Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Inches	C Inches	Outside Diam. Inches
530	12	61802	\$12.00	2 ⁷ / ₁₆	50	2 ³ / ₄	2 ¹ / ₄	14
530	16	61811	15.00	2 ⁷ / ₁₆	73	2 ³ / ₄	2 ¹ / ₄	18
531	14	13960	12.00	2 ⁷ / ₁₆	58	3 ¹ / ₄	2 ¹ / ₂	15 ¹ / ₂
531	20	61792	17.00	2 ⁷ / ₁₆	80	3 ¹ / ₄	2 ¹ / ₂	20
532	20	61795	30.00	2 ¹⁵ / ₁₆	150	3 ³ / ₄	3	20 ³ / ₄
534	24	61798	72.00	2 ¹⁵ / ₁₆	425	5 ¹ / ₈	4	25 ³ / ₄

† Plain Grooved Idlers are used for the support of Plain Chains or Chains with U-Bolts and cross bars, page 116, where the Cross Bars rest in trough or on outside supports.

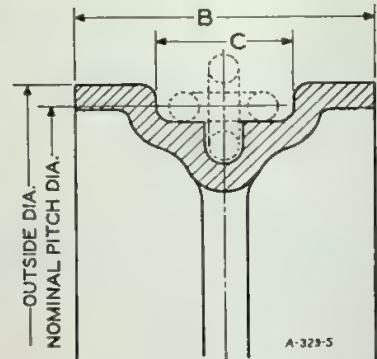
Drum Idlers



Drum Idler with Steel Extension
Type F

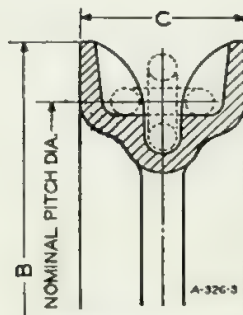


Drum Idler without Steel Extension
Type E

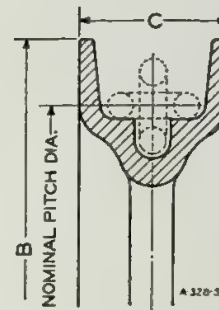


Without Steel Extensions—Type E									With Steel Extensions—Type F						
Chain No.	Nominal Pitch Dia. Inches	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Outside Diam. In.	Chain No.	Nominal Pitch Dia. Inches	Pattern No.	Face Inches	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds
530	12	61791	\$18.00	2 ⁷ / ₁₆	50	5 ⁷ / ₁₆	2 ¹ / ₈	12 ³ / ₄	530	12	61791	12 to 16	\$35.00	2 ⁷ / ₁₆	71
530	16	61809	21.00	2 ⁷ / ₁₆	70	6	2 ¹ / ₄	16	530	16	61809	16 to 20	40.00	2 ⁷ / ₁₆	106
531	18	61808	28.00	2 ⁷ / ₁₆	92	6 ¹ / ₂	2 ¹ / ₂	18 ¹ / ₈	531	18	61808	20 to 24	50.00	2 ⁷ / ₁₆	140
531	20	61810	31.00	2 ¹⁵ / ₁₆	114	6 ³ / ₄	2 ³ / ₄	19 ¹ / ₂	531	20	61810	20 to 24	56.00	2 ¹⁵ / ₁₆	186
532	20	61806	39.00	3 ⁷ / ₁₆	169	8	3	20	532	20	61806	20 to 24	64.00	3 ⁷ / ₁₆	238
532	24	61805	42.00	3 ⁷ / ₁₆	188	8 ¹ / ₂	3 ¹ / ₂	24	532	24	61805	20 to 24	68.00	3 ⁷ / ₁₆	266
533	20	61807	40.00	3 ¹⁵ / ₁₆	170	8 ¹ / ₄	3 ¹ / ₄	20	533	20	61807	20 to 24	65.00	3 ¹⁵ / ₁₆	242
533	24	61801	54.00	3 ¹⁵ / ₁₆	275	9 ¹ / ₂	4	27	533	24	61801	20 to 24	80.00	3 ¹⁵ / ₁₆	348
534	24	61803	63.00	3 ¹⁵ / ₁₆	336	8	4	25 ³ / ₄	534	24	61803	20 to 24	90.00	3 ¹⁵ / ₁₆	416

Jeffrey Pocket Sheaves and Idlers for Cable Chains



Pocket Sheave



Plain Grooved Idler

Pocket Sheaves for Short Link Cable Chains

No. of Pockets	Nom'al Pitch Diam. Inches	Pat-tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Outside Diam. Inches	C Overall Width In.	No. of Pockets	Nom'al Pitch Diam. Inches	Pat-tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Outside Diam. Inches	C Overall Width In.
No. 901								No. 904 (Cont'd.)							
10	10	18209	\$20.00	2 1/16	50	12	2 5/8	19	10 1/4	18222	\$12.00	1 1/16	23	11 1/4	1 1/2
11	11 1/4	22178	21.50	2 1/16	54	13 1/4	2 5/8	23	12 1/4	18223	14.00	1 1/16	28	13 1/2	1 1/2
12	12	18210	23.00	2 1/16	58	14	2 5/8	26	13 3/4	23114	15.50	1 1/16	32	15	1 1/2
15	15	18211	26.00	2 1/16	70	17	2 5/8	28	15	18243	17.00	1 1/16	36	16 1/4	1 1/2
18	18	18212	30.00	2 1/16	82	20	2 5/8	34	18	18244	21.00	1 1/16	42	19 1/4	1 1/2
21	21 1/2	18213	36.00	2 1/16	94	23 1/4	2 5/8	42	22 1/4	18245	25.00	1 1/16	52	24 1/2	1 1/2
24	24	18224	39.00	2 1/16	106	26	2 5/8								
No. 902								No. 910							
9	11 3/4	18201	\$27.00	2 1/16	70	14	3 5/8	9	5 3/4	18230	\$10.00	1 1/16	18	7 1/4	1 7/8
12	15 3/4	18214	36.00	2 1/16	100	18	3 5/8	12	7 3/4	18231	11.80	1 1/16	22	9 1/4	1 7/8
14	18 1/4	18215	42.00	2 1/16	120	20 1/2	3 5/8	15	9 3/4	18232	13.60	1 1/16	25	11 1/4	1 7/8
16	20 3/4	18216	48.00	2 1/16	140	23	3 5/8	19	12 1/4	18233	16.00	1 1/16	28	13 3/4	1 7/8
19	24 1/2	17866	57.00	2 1/16	170	26 3/4	3 5/8	24	15 1/2	18234	19.00	1 1/16	38	17	1 7/8
								28	18	18246	23.00	1 1/16	48	19 1/2	1 7/8
								34	21 3/4	18247	27.00	1 1/16	60	23 1/4	1 7/8
								44	28	21042	34.00	1 1/16	80	29 1/2	1 7/8
								50	32	22299	38.00	1 1/16	92	33 1/2	1 7/8
No. 903								No. 911							
10	10 1/2	18217	\$22.00	2 1/16	55	12 7/8	3 3/8	12	8	18235	\$13.50	2 7/16	30	9 3/4	2 3/8
12	12 3/4	18202	26.00	2 1/16	68	15 1/8	3 3/8	15	10 1/4	18236	16.00	2 7/16	36	12	2 3/8
14	14 3/4	18218	30.00	2 1/16	80	17 1/8	3 3/8	18	12 1/4	18237	18.00	2 7/16	42	14	2 3/8
17	17 3/4	18203	36.00	2 1/16	98	20 1/8	3 3/8	21	14 1/4	22272	20.50	2 7/16	48	16	2 3/8
20	21	18219	42.00	2 1/16	116	23 3/8	3 3/8	22	15	18238	21.50	2 7/16	50	16 3/4	2 3/8
23	24	18240	48.00	2 1/16	134	26 3/8	3 3/8	27	18 1/4	18239	25.00	2 7/16	60	20	2 3/8
29	30	19343	60.00	2 1/16	170	32 3/8	3 3/8	32	21 3/4	18248	29.00	2 7/16	70	23 1/2	2 3/8
No. 904								36	24 1/2	18249	32.50	2 7/16	78	26 1/4	2 3/8
12	6 1/4	18220	\$ 9.00	1 1/16	16	7 1/2	1 1/2								
15	8	18221	10.50	1 1/16	19	9 1/4	1 1/2								

Plain Idlers for Short Link Cable Chains

Nominal Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Outside Diam. Inches	C Overall Width Inches	Nominal Pitch Diam. Inches	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	B Outside Diam. Inches	C Overall Width Inches
No. 901							No. 904						
8	3062	\$12.50	2 1/16	30	9 3/4	2 1/2	5	12885	\$ 7.00	1 1/16	16	6 7/8	1 3/4
12	63438	21.00	2 1/16	58	14 1/4	2 3/4	8	12256	8.00	1 1/16	20	9	1 3/4
14	3468	22.00	2 1/16	62	16	2 1/4	23 3/4	8287	18.00	1 1/16	54	25	1 5/8
No. 902							No. 910						
20	27263	\$44.00	2 1/16	140	22 3/8	3 3/4	6 1/2	15458	\$ 8.00	1 1/16	20	8 1/2	1 7/8
No. 903							No. 911						
8	63439	\$17.00	2 1/16	45	10 1/4	3 1/8	3 5/8	4083	\$ 9.00	1 7/16	18	5 5/8	2
12	3051	21.50	2 1/16	60	15	3 7/8	8	12523	12.00	2 1/16	28	9 1/4	2 1/4
16	9653	29.00	2 1/16	85	18	3 1/4	12	17147	15.00	2 7/16	40	13 1/8	2 1/4
18	8765	34.00	2 1/16	102	20	3 3/4	14 1/8	16084	16.00	2 7/16	44	15 1/2	2 1/8

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 32							No. 88, also No. 75 and No. 78 (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
10*	3 $\frac{3}{4}$	18		\$ 7.80	1 $\frac{3}{16}$	2 $\frac{1}{2}$	17	14 $\frac{1}{4}$	404		\$22.80	2 $\frac{13}{16}$	45
No. 45							18	15	S-1924	794	24.00	2 $\frac{13}{16}$	47
9*	4 $\frac{3}{4}$	24750	24751	\$ 8.80	1 $\frac{3}{16}$	5 $\frac{1}{2}$	19	16	925	966	25.20	2 $\frac{13}{16}$	49
No. 51							20	16 $\frac{3}{4}$	670	591	26.40	2 $\frac{13}{16}$	51
9*	3 $\frac{1}{2}$	479		\$ 7.80	1 $\frac{1}{8}$	2 $\frac{3}{4}$	21	17 $\frac{1}{2}$	S-1926	91	27.60	2 $\frac{13}{16}$	53
11*	4 $\frac{1}{4}$ P	15	15	8.20	1 $\frac{3}{16}$	3 $\frac{1}{2}$	22	18 $\frac{1}{4}$	405	933	28.80	2 $\frac{13}{16}$	56
15*	5 $\frac{1}{2}$ P	62076	62076	9.60	1 $\frac{7}{16}$	5	23	19 $\frac{1}{4}$	879	931	30.00	2 $\frac{13}{16}$	60
No. 52							24	20	881		31.20	2 $\frac{13}{16}$	64
9*	4 $\frac{1}{2}$	17	937	\$ 8.60	1 $\frac{1}{16}$	6	25	20 $\frac{3}{4}$	932		32.40	2 $\frac{13}{16}$	65
10*	5		980	9.00	1 $\frac{1}{16}$	7	26	21 $\frac{3}{4}$	856		33.60	2 $\frac{13}{16}$	66
12*	5 $\frac{3}{4}$	S-1547		10.20	1 $\frac{1}{16}$	8 $\frac{1}{4}$	27	22 $\frac{1}{2}$	371		34.80	2 $\frac{13}{16}$	69
15*	7 $\frac{1}{4}$	S-1552		12.20	1 $\frac{1}{16}$	9 $\frac{3}{4}$	28	23 $\frac{3}{4}$	927	29108	36.00	2 $\frac{13}{16}$	72
16*	7 $\frac{3}{4}$		20	13.00	1 $\frac{1}{16}$	10 $\frac{1}{2}$	29	24	370		37.20	2 $\frac{13}{16}$	76
37	17 $\frac{3}{4}$	S-1576		26.40	1 $\frac{11}{16}$	18	30	25	580		38.40	2 $\frac{13}{16}$	80
42	20 $\frac{3}{4}$	938		30.20	1 $\frac{13}{16}$	20 $\frac{1}{4}$	32	26 $\frac{1}{2}$	857		41.20	2 $\frac{13}{16}$	86
No. 62							34	28 $\frac{1}{4}$		930	45.20	2 $\frac{13}{16}$	94
15*	8	S- 567		\$13.40	1 $\frac{11}{16}$	16	37	30 $\frac{3}{4}$	549		50.80	2 $\frac{13}{16}$	102
16*	8 $\frac{1}{2}$ P	27597	27597	14.00	1 $\frac{11}{16}$	18	38	31 $\frac{3}{4}$	858		52.80	2 $\frac{13}{16}$	110
18*	9 $\frac{1}{2}$	323		15.20	1 $\frac{11}{16}$	20	43	35 $\frac{3}{4}$	967	934	62.40	2 $\frac{13}{16}$	125
25*	13 $\frac{3}{4}$ P	27596	27596	20.00	2 $\frac{1}{16}$	31	45	37 $\frac{1}{2}$	912		66.20	2 $\frac{13}{16}$	139
38	20	379		29.60	2 $\frac{1}{16}$	48	49	40 $\frac{3}{4}$	968		75.80	2 $\frac{13}{16}$	158
No. 75—Use No. 88							50	41 $\frac{1}{2}$		607	78.20	2 $\frac{13}{16}$	164
No. 77							57	47 $\frac{1}{4}$	93		98.00	3 $\frac{7}{16}$	212
8*	6	S-1823	551	\$10.00	1 $\frac{11}{16}$	12	No. 103						
11*	8 $\frac{1}{4}$	490	471	13.00	1 $\frac{11}{16}$	20	6*	6 $\frac{1}{4}$	474	713	\$11.60	1 $\frac{11}{16}$	16
12*	9	S-1831	63978	14.00	1 $\frac{11}{16}$	22	7*	7	530		13.00	1 $\frac{11}{16}$	20
14*	10 $\frac{1}{4}$		36	15.80	2 $\frac{1}{16}$	26	8*	8	609	577	14.40	2 $\frac{1}{16}$	23
16	11 $\frac{3}{4}$	550		17.80	2 $\frac{1}{16}$	28 $\frac{1}{2}$	9*	9		27342	15.80	2 $\frac{1}{16}$	26
18	13 $\frac{1}{4}$	S-1843		19.60	2 $\frac{1}{16}$	30	10*	10	507	510	17.20	2 $\frac{11}{16}$	31
19	14	473	472	20.60	2 $\frac{1}{16}$	32	11*	11	S-1961		18.80	2 $\frac{11}{16}$	39
22	16 $\frac{1}{4}$	S-3296		23.60	2 $\frac{1}{16}$	39	12*	12	656	612	20.20	2 $\frac{11}{16}$	46
28	20 $\frac{1}{2}$	467	639	29.20	2 $\frac{1}{16}$	51	13*	13	504	547	21.60	2 $\frac{11}{16}$	53
33	24 $\frac{1}{4}$	466	640	34.60	2 $\frac{1}{16}$	57	14*	14	S-1966	458	23.00	2 $\frac{11}{16}$	55
No. 78—Use No. 88							15*	14 $\frac{3}{4}$ P	151	151	24.40	2 $\frac{11}{16}$	58
No. 88, also No. 75 and No. 78							16	15 $\frac{3}{4}$	12588		26.00	2 $\frac{11}{16}$	61
6*	5 $\frac{1}{4}$		522	\$10.00	1 $\frac{7}{16}$	10	18	17 $\frac{3}{4}$	855	996	28.80	2 $\frac{11}{16}$	68
7*	6	4048	4045	11.00	1 $\frac{7}{16}$	14	19	18 $\frac{3}{4}$	669	890	30.20	2 $\frac{11}{16}$	72
8*	7	S-1912		12.00	1 $\frac{5}{16}$	16	20	19 $\frac{3}{4}$	460		31.60	2 $\frac{11}{16}$	76
9*	7 $\frac{3}{4}$	961		13.20	1 $\frac{5}{16}$	18	21	20 $\frac{3}{4}$	S-1973		33.20	2 $\frac{11}{16}$	82
10*	8 $\frac{1}{2}$	611		14.40	1 $\frac{5}{16}$	22	22	21 $\frac{1}{2}$ P	28628	28628	34.60	2 $\frac{11}{16}$	85
11*	9 $\frac{1}{4}$	514	714	15.60	1 $\frac{5}{16}$	24	24	23 $\frac{1}{2}$	S-1099	33	37.40	2 $\frac{11}{16}$	100
12*	10	4041	4040	16.80	2 $\frac{1}{16}$	30	25	24 $\frac{1}{2}$		34	39.40	2 $\frac{11}{16}$	103
13*	11	769		18.00	2 $\frac{1}{16}$	34	26	25 $\frac{1}{2}$ P	28629	28629	41.20	2 $\frac{11}{16}$	106
14*	11 $\frac{3}{4}$	S-1917	15940	19.20	2 $\frac{11}{16}$	37	27	26 $\frac{1}{2}$	S- 417		43.20	2 $\frac{11}{16}$	112
15	12 $\frac{1}{2}$	592	548	20.40	2 $\frac{11}{16}$	40	28	27 $\frac{1}{2}$	57	573	45.20	2 $\frac{11}{16}$	118
16	13 $\frac{1}{2}$	372		21.60	2 $\frac{15}{16}$	43	30	29 $\frac{1}{2}$	689		50.00	2 $\frac{11}{16}$	130
							31	30 $\frac{1}{2}$	480	15937	52.40	2 $\frac{11}{16}$	138

* Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Detachable Link Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 103 (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver			
32	31½P	29021	29021	\$54.80	2½	144
36	35¼	459	32	67.20	2½	175
37	36¼	936		70.80	2½	186
38	37¼	29255	867	74.40	2½	192
41	40¼P	613	613	85.20	3½	206
49	48	614	673	114.00	3½	280
55	54	62		139.20	3½	355

No. 104½						
11	16	S- 610		\$33.60	2½	54
17	24½	12458		51.60	2½	130
33	47¼	979		104.20	2½	315

No. 108						
6*	9½		109	\$23.60	2½	49
8*	12½		999	28.40	2½	58
9	13¾	S-1999		31.20	2½	67
11	16¾	1000		37.00	2½	89
12	18¼	574		49.80	2½	98
13	19¾	S-2004	998	43.20	2½	114
14	21¼	785		46.60	2½	121
16	24¼	S-2007	657	54.20	3½	145
20	30¼	S- 949	26127	69.60	3½	192
24	36¼	786		86.80	3½	235
32	48	658		130.60	3½	315

No. 114						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver			
11	11½	61629		\$21.20	2½	27
12	12¾	61630		22.60	2½	32
13*	13¾	447		24.00	2½	36
14	14¾	610	772	25.40	2½	41
16	16¾	477		28.80	2½	61
18*	19	777		32.20	2½	70
23	24	406		41.80	3½	94

No. 122						
10	19¾	S-2048		\$48.20	3½	168
12	23½	S-2051		59.00	3½	199
19	37	455	454	112.00	3½	340

No. 124						
8*	10¾		S-2059	\$22.60	2½	32
9*	12P	643	643	24.80	2½	44
11*	14½		513	29.20	3½	64
12*	15¾P	S-2065	S-2065	31.60	3½	70
14	18¼	S-2069		36.00	3½	77
17	22¼	61		44.20	3½	98
20	26	S-2078		52.20	3½	126
22	28½	S-2080		57.60	3½	146
28	36½	S-2084		78.40	3½	200
38	49¼	512		120.60	3½	330
51	66	519		229.60	4½	625

Jeffrey Sprocket Wheels for Hercules Chains

No. 111						
9	14	913		\$35.80	2 $\frac{13}{16}$	76
11	17	914		42.40	2 $\frac{13}{16}$	92
16	24 $\frac{1}{2}$	939		62.60	2 $\frac{13}{16}$	133
28	42 $\frac{3}{4}$ P	45	45	142.20	3 $\frac{7}{16}$	350
No. 111 Spec.						
8	15 $\frac{1}{2}$ P	63918	63918	\$39.60	2 $\frac{13}{16}$	75

No. 131	
Use No. 103 Detachable Sprockets.	Page 154
No. 188	
Use No. 88 Detachable Sprockets.	Page 154
No. 214	
Use No. 114 Detachable Sprockets.	Page 155

Jeffrey Sprocket Wheels for Reliance Chains

No. 74							No. 78						
Use No. 88 Detachable Sprockets. Page 154							Use No. 88 Detachable Sprockets. Page 154						
No. 82													
Use No. 103 Detachable Sprockets. Page 154													

Jeffrey Sprocket Wheels for Pintle Chains

No. 1162							No. 4103						
Use No. 62 Detachable Sprockets. Page 154							Use No. 103 Detachable Sprockets. Page 154						

* Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Peerless Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 823							No. 825 (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
8 [▲]	10½P	60354	60354	\$25.40	2 7/16	35	14	18	S-1031		\$43.20	3 1/8	107
11	14¼	84	90	32.60	2 11/16	55	20	25½P	26169	26169	62.40	3 1/8	177
19	24¼	83		55.20	2 13/16	124	No. 844						
8 [▲]	10½		12340	\$27.60	2 13/16	53	10	19½P	27547	27547	\$51.00	3 1/8	160
11 [▲]	14¼	12339		34.80	3 1/16	75	11 [▲]	21½P	61719	61719	56.60	3 1/8	175
							13	25¼P	27548	27548	68.00	3 1/8	220

Jeffrey Sprocket Wheels for Malleable Roller Chains

No. 1							No. 14						
6 [▲]	6	4051		\$16.00	2 7/16	16	11	14¼		208	\$30.00	2 7/16	47
8 [▲]	7¾	4050		19.00	2 7/16	20	No. 14½						
10 [▲]	9¾	921	626	22.00	2 7/16	24	9 [▲]	11¾P	27695	27695	\$25.00	2 7/16	26
11 [▲]	10½		4032	23.60	2 7/16	26	14	18P	27696	27696	37.60	2 13/16	62
14 [▲]	13½	635	630	29.00	2 13/16	42	15	19¼P	27694	27694	40.00	2 13/16	66
15 [▲]	14¼		4033	31.00	2 13/16	56	No. 17						
17	16¼		869	35.00	2 13/16	60	9 [▲]	7½		206	\$16.60	2 7/16	18
19	18	398	633	39.00	2 13/16	70	28	23	207		41.60	2 7/16	130
20	19	627	4034	41.00	2 13/16	75	58	47½	878		122.60	2 7/16	270
29	27½		18547	60.00	2 13/16	115	No. 18						
31	29½	S-2323	922	65.00	2 13/16	125	12 [▲]	11¾P	27518	27518	\$21.60	2 13/16	28
37	35¼	397		82.60	3 7/16	145	28	27	S-2596		51.00	2 13/16	130
38	36		115	85.60	3 7/16	150	No. 21 C						
45	42¾	116		107.60	3 7/16	170	8 [▲]	6½P	60214	60214	\$14.60	1 13/16	14
50	47½	870		135.00	3 7/16	185	No. 62						
No. 1½							Use No. 62 Detachable Sprockets Page 154						
10 [▲]	9¾P	62098	62098	\$22.00	2 7/16	36	No. 124						
12 [▲]	11½P	29226	29226	25.00	2 11/16	45	10 [▲]	13	S-2703		\$32.60	3 7/16	53
16 [▲]	15¼P	62099	62099	33.00	2 13/16	85	12 [▲]	15¾	S-2707	617	37.40	3 7/16	55
No. 2							16	20¾	S-2712		50.00	3 7/16	90
7 [▲]	8½	S-2342		\$19.60	2 7/16	25	24	31		690	77.80	3 7/16	154
No. 2 Sp.							37	47¾		735	141.60	3 13/16	308
15	17¾	886		\$36.00	2 13/16	70	No. 126 and 156						
26	30¾	888	887	65.20	2 13/16	147	6 [▲]	12	527	526	\$31.20	2 13/16	40
No. 3							7 [▲]	14	605	606	34.60	3 7/16	50
6 [▲]	8		385	\$21.60	2 7/16	32	10	19½	S-2734		46.60	3 7/16	110
20	25¾	S-2423		59.60	3 13/16	140	12	23¼	717	654	56.20	3 7/16	140
24	31	73	885	73.40	3 13/16	180	13	25	S-2737		61.00	3 7/16	156
30	38¼P	80	80	98.00	3 13/16	230	14 [▲]	27		559	65.80	3 13/16	175
No. 3½							18	34½		618	88.40	3 13/16	195
6 [▲]	8P	27902	27902	\$21.60	2 7/16	32	No. 126C and 156C						
No. 5							6 [▲]	12P	27665	27665	\$31.20	2 13/16	40
7 [▲]	11¾	S-2441		\$32.60	3 7/16	70	8 [▲]	15¾	63976	27666	38.00	3 7/16	70
No. 9½ and 9½ Sp.							9 [▲]	17½	13	12	41.80	3 7/16	90
12 [▲]	11½		62660	\$21.00	2 7/16	22	10 [▲]	19½	799	975	46.60	3 7/16	110
							12 [▲]	23¼P	61221	61221	56.20	3 7/16	140
							14	27P	105	105	65.80	3 13/16	175
							15	29	691		71.60	3 13/16	185
							16 [▲]	30¾P	29109	29109	76.80	3 13/16	190
							18	34½	62872		88.40	3 13/16	195
							19 [▲]	36½P	61222	61222	95.60	3 13/16	210

▲ Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 17							No. 112 (Continued)						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.	No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver						Driven	Driver			
6 [▲]	5 1/4	426	725	\$14.80	1 15/16	8	20	25 3/4 P	978	978	\$69.40	3 11/16	200
7 [▲]	6	620	722	15.80	1 15/16	11	22	28 1/2	8		77.80	3 11/16	220
8 [▲]	6 3/4	427		16.80	1 15/16	12	23	29 3/4		796	81.80	3 11/16	240
9 [▲]	7 1/2	596	792	17.80	2 1/16	17	24	31	672	671	86.40	3 11/16	260
10	8 1/4	862	718	18.80	2 3/16	21	26	33 1/2	797		99.40	3 11/16	275
11	9	945	357	20.20	2 3/16	24	28	36	736	27276	112.60	3 11/16	290
12	10	688	687	21.60	2 7/16	27	31	40	100		133.40	3 11/16	300
13	10 3/4 P	60837	60837	23.00	2 7/16	31	33	42 1/2	456		147.20	3 11/16	330
14	11 1/2	603	723	24.40	2 7/16	36	37	47 3/4	981	735	176.60	3 11/16	400
15	12 1/4	944	621	26.00	2 7/16	40	40	51 1/2 P	28105	28105	198.80	4 1/16	475
16	13	726	567	27.40	2 7/16	43	46	59	500		247.40	4 1/16	600
17	14	874		28.80	2 7/16	46	No. 116						
18	14 3/4	875	923	30.20	2 7/16	50	7 [▲]	14	S-2844	37	\$36.80	3 11/16	75
20	16 1/4	793	322	33.20	2 7/16	60	12	23 1/4	S-2848	13422	60.80	3 11/16	170
22	18	566	578	36.00	2 7/16	70	18	34 3/4		12915	104.80	3 11/16	260
24	19 1/2	830	595	38.80	2 7/16	75	21	40 1/4	38		135.20	3 11/16	410
25	20 1/2	749		40.80	2 7/16	79	34	65	12916				
27	22	876	877	44.60	2 7/16	80	42	80 1/4	199				
28	23	767	707	46.60	2 7/16	81	No. 116 1/2						
30	24 1/2	351	889	50.40	2 13/16	86	Use No. 126C M. R. Sprockets. Page 156						
33	27	S-2784	27243	56.20	2 13/16	90	No. 117						
36	29 1/4	904	766	62.40	2 13/16	132	6	12	684		\$53.00	4 7/16	130
40	32 3/4	719		71.00	2 13/16	151	9	17 1/2	683	113	60.80	4 13/16	185
44	35 3/4		917	82.60	2 13/16	200	13	25 1/4		27244	102.20	4 13/16	340
48	39	S-2790		98.40	2 13/16	230	No. 120						
No. 27							Use No. 103 Detachable Sprockets. Page 154						
6 [▲]	6	588		\$18.20	2 7/16	18	No. SS 124						
7 [▲]	7		218	19.60	2 7/16	19	Use No. 124 Detachable Sprockets. Page 155						
8 [▲]	7 3/4	653		21.20	2 7/16	20	No. 149						
9 [▲]	8 3/4	326	529	22.60	2 7/16	21	10 [▲]	13P	60019	60019	\$30.20	2 11/16	55
10 [▲]	9 3/4 P	27142	27142	24.00	2 7/16	24	12 [▲]	15 1/2 P	63810	63810	36.00	3 7/16	80
11 [▲]	10 1/2	903	831	25.40	2 7/16	26	19	24 1/2	795		56.20	3 7/16	150
12 [▲]	11 1/2	664	716	27.40	2 13/16	29	No. 152						
15	14 1/2	324	325	33.20	2 13/16	56	6 [▲]	3 3/4	61030	834	\$ 9.00	1 15/16	5
16	15 1/4	S-2804	742	35.00	2 13/16	58	9 [▲]	5 1/2 P	60141	60141	10.60	1 7/16	7
18	17 1/4	871		38.80	2 13/16	65	12 [▲]	7	833		13.00	1 11/16	12
19	18	765		40.80	2 13/16	70	15 [▲]	9	295		15.00	1 11/16	16
22	21	16433		46.60	2 13/16	83	18	10 1/2	248		17.20	2 1/16	20
23	22	S-2807	764	48.40	2 13/16	86	No. 180 and No. 276						
25	23 3/4	741	800	52.80	2 13/16	95	5	20 1/2	21	22	\$46.00	2 11/16	150
27	25 3/4	27182		57.60	2 13/16	105	6	24	102	101	56.00	2 11/16	190
29	27 1/2	98		62.40	2 13/16	115	8	31 1/2 P	974	974	78.00	3 7/16	230
38	36	899		88.40	3 7/16	150	9	35 1/4		26152	94.00	3 7/16	280
44	41 3/4	528		110.00	3 7/16	165	No. 182 and No. 182 1/2						
45	42 3/4	361		114.80	3 7/16	170	6	36	910	911	\$128.00	3 7/16	370
50	47 1/2	905		128.60	3 7/16	210	8	47	960		202.00	4 7/16	550
No. 27 Sp.							No. 234—Use No. 1114						
Use No. 1 M. R. Sprockets. Page 156							No. 276—Use No. 180						
No. SS 40							No. 301						
Use No. 103 Detachable Sprockets. Page 154							Use No. 114 Detachable Sprockets. Page 155						
No. 112							No. 433 1/2						
6 [▲]	8	338		\$25.80	2 7/16	45	Use No. 88 Detachable Sprockets. Page 154						
7 [▲]	9 1/4	S- 875	642	28.00	2 7/16	50							
8 [▲]	10 1/2 P	367	367	30.40	2 7/16	55							
9 [▲]	11 3/4	502		32.60	3 7/16	70							
10 [▲]	13	516	457	35.00	3 7/16	75							
11 [▲]	14 1/2	686	737	37.20	3 13/16	80							
12 [▲]	15 1/2	505	531	40.00	3 13/16	90							
14 [▲]	18 1/4	810	908	46.40	3 13/16	120							
15	19 1/2	428	501	50.20	3 13/16	135							
17	22	S-2827		57.60	4 1/16	165							
18	23 1/4	329	720	61.20	3 13/16	175							
19	24 1/2	515		65.40	3 13/16	185							

▲ Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven

Jeffrey Sprockets for Steel Thimble Roller Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 435						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver			
7*	9 1/4 P	28206	28206	\$30.00	3 7/16	70
10*	13		27088	36.80	3 1/16	85
12	15 1/2		88	43.80	3 1/8	105
13	16 3/4		141	46.00	3 7/8	115
20	25 1/2	27089		73.60	4 1/8	200
23	29 1/2	142		92.00	4 1/8	240
34	43 1/4	89		170.60	4 1/8	350
No. SS 520						
Use No. 17						
No. 575						
13*	21	623		\$59.80	4 7/16	200
15*	24 1/2		841	70.00	4 7/16	220
30	48 1/2	840		200.20	4 1 1/8	525
No. 809						
6*	18	S- 863		\$44.00	2 1 1/8	90
No. 946						
26	16 1/2	29537		\$29.80	2 3/16	70
No. 950						
30*	14 1/2 P	65073	65073	\$26.60	2 7/16	44
No. 951						
Use No. 126C M. R. Page 156						
No. 982						
Use No. 809						
No. 1007						
10*	19 1/2 P	60915	60915	\$49.60	3 1 1/8	140
12*	23 1/4 P	60914	60914	60.80	3 1 1/8	150
13*	25 P	64749	64749	66.80	3 1 1/8	160
14*	27 P	65954	65954	72.60	3 1 1/8	180
15*	29 P	60216	60216	78.60	3 1 1/8	200
16*	30 3/4 P	60221	60221	85.00	3 1 1/8	230
No. 1078						
Use No. 180						
No. 1094						
Use No. 77 Detachable Sprockets. Page 154						
No. 1095						
Use No. 180						
No. 1105						
Use No. 182						
No. 1106						
8	31 1/4 P	62204	62204	\$110.60	4 1 1/8	325

No. 1107						
Use No. 180						
No. 1114						
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
		Driven	Driver			
6*	7	278	277	\$21.20	2 3/16	26
7*	8		696	23.00	2 1/8	33
8*	9 1/4	891	813	25.00	2 1/16	38
9*	10 1/4	316	593	26.80	2 1/16	45
10*	11 1/2	S- 877	709	29.20	2 1/8	54
11*	12 1/2	906	346	31.60	2 1/8	56
12*	13 1/2	703	475	34.00	2 1/8	60
13*	14 3/4	822	660	36.40	2 1/8	64
14	15 3/4	12592		38.80	2 1/8	68
15	17		334	41.20	2 1/8	72
16	18	823	824	43.60	2 1/8	76
17	19	12593		46.00	2 1/8	80
18	20 1/4	15942	743	48.40	2 1/8	90
19	21 1/4		636	50.80	2 1/8	95
20	22 1/2	849	19	53.20	2 1/8	100
21	23 1/2	S- 630	907	56.20	2 1/8	110
22	24 1/2	821	916	59.00	2 1/8	125
24	26 3/4	915		65.80	2 1/8	140
25	28	347		69.20	2 1/8	145
27	30 1/4	893	825	75.80	2 1/8	160
29	32 1/2	545		82.60	2 1/8	170
32	35 3/4	348		93.20	3 1/8	200
36	40 1/4	594	763	109.40	3 1/8	240
38	42 1/2	586		118.00	3 1/8	260
43	48	708		144.00	3 7/8	310
50	56	66		191.00	3 7/8	400
56	62 1/2	64894	970	232.80	3 7/8	475
No. 1126						
Use No. 126 M. R. Sprockets. Page 156						
No. 1126C						
Use No. 126C M. R. Sprockets. Page 156						
No. 1199						
Use No. 809						
No. 1234						
Use No. 1114						
No. 3007						
Use No. 1007						

Jeffrey Sprocket Wheels for Vulcan Chains

No. 119						
4	21	693	15694	\$56.60	3 ⁷ / ₁₆	160
5	26	15693	54	71.60	3 ⁷ / ₁₆	200
6	31	56	55	87.60	3 ⁷ / ₁₆	220
No. 211						
Use No. 526						
No. 241						
Use No. 526						
Nos. 313 and 313 ¹ / ₂						
6	23 ¹ / ₄	27013		\$55.00	3 ⁷ / ₁₆	150

No. 327						
6	23 ¹ / ₄ P	62546	62546	\$63.60	3 ¹³ / ₁₆	175
No. 526						
5	19 ¹ / ₂	S-3195		\$40.00	2 ¹⁵ / ₁₆	80
6	23 ¹ / ₄	62829	62828	47.60	3 ⁷ / ₈	100
7	27P	64632	64632	59.00	3 ⁷ / ₁₆	135
No. 527 ¹ / ₂ and No. 1127						
6	15 ¹ / ₂ P	62663	62663	\$33.00	2 ¹¹ / ₁₆	60
No. 558						
7	36	920	127	\$ 92.60	2 ¹¹ / ₁₆	240

* Plate Center Wheels; all others have arms.

P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven.

Jeffrey Sprocket Wheels for Vulcan Chains

Cast Steel

When ordering state whether Driving or Driven Wheels are required. If not stated, Driven Wheels will be furnished.

No. 588 Use No. 119							No. 627						
No. 623½							No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.
No. of Teeth	Approx. Pitch Diam. In.	Pattern No.		List Price Each	Largest Bore at Reg. Price	Av. Wght. Each Lbs.							
		Driven	Driver										
4							4	31½P	64999	64999	\$140.00	4 7/16	350
5							5	39		568	210.00	4 13/16	600
No. 1127—Use No. 527½													
No. 1132—Use No. 526													
No. 1219—Use No. 327													
5	38¾		7	\$130.00	3 15/16	380							

Jeffrey Sprocket Wheels for F. and R. Link Chains

No. 506							Nos. 518 and 519						
5	19½	†S-3066		\$37.40	2 15/16	70	6	31¼		†712	\$98.00	3 15/16	185
9	34¾	313	314	81.40	2 15/16	165	No. 520						
Nos. 516 and 516½							5	26¼	†S-994		\$85.20	3 15/16	180
5	19¾		†697	\$50.60	2 15/16	75	No. 520½						
6	23½	942		60.60	3 7/16	90	7	36¼	†S-3125		\$170.60	3 15/16	430
8	31		†674	81.40	3 15/16	140							
9	34¾	†S-3087	†651	93.60	3 15/16	180							

Jeffrey Sprocket Wheels for Climax Chains

Cast Steel

No. 306½							No. 358½						
5	19½	815		\$57.80	3 7/16	110	5	26	564	638	\$88.00	4 7/16	200
7	27	951		80.80	3 15/16	170	6	31		562	112.80	4 13/16	280
No. 357½							7	36			143.00	4 13/16	308
							No. 362½						
14	62½	864	863	264.00	3 15/16	645	6P	46½	61114	61114	236.60	4 13/16	450

Jeffrey Sprocket Wheels for Steel Bar Drag Chains

Nos. 560 and 595						
6*	12		650	\$36.60	2 15/16	72

* Plate Center Wheels; all others have arms.

• Indicates Wheels which can be furnished with Chilled Rims.

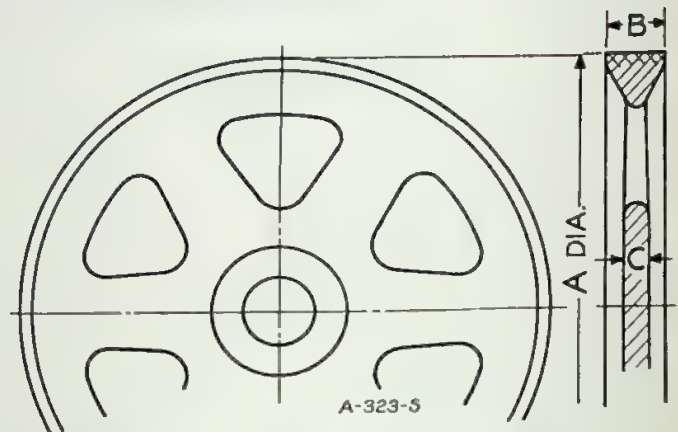
P Indicates Perfect Diameter of Sprocket which can be used either for Driver or Driven

†Short or Long Tooth

†Long Tooth only. Short Tooth Sprockets (not marked) are Standard.

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim



List Price and Dimensions (Listed by Diameter—For Chain List, See Page 162)

A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds	A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds
10	62240	\$ 7.20	2 ⁷ / ₁₆	26	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1000	18	62258	\$13.20	2 ¹¹ / ₁₆	57	1 ¹¹ / ₁₆	7 ⁸ / ₁₆	2000
10	62254	7.80	2 ⁷ / ₁₆	27	1 ¹⁵ / ₁₆	3 ³ / ₄	2000	18	62266	14.60	2 ¹¹ / ₁₆	65	1 ¹¹ / ₈	7 ⁸ / ₁₆	2000
12	62241	8.60	2 ⁷ / ₁₆	30	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1000	18	62274	14.60	2 ¹¹ / ₁₆	65	1 ¹¹ / ₈	1 ¹¹ / ₁₆	3000
12	62255	9.40	2 ¹¹ / ₁₆	40	1 ¹⁵ / ₁₆	3 ³ / ₄	2000	18	62285	21.60	3 ⁷ / ₁₆	100	1 ¹¹ / ₈	5 ⁸ / ₁₆	5000
12	62282	10.60	2 ¹¹ / ₁₆	48	1 ¹¹ / ₈	3 ³ / ₄	5000	18	62383	21.20	2 ¹¹ / ₁₆	100	1 ¹¹ / ₂	1 ¹¹ / ₁₆	3000
12	62304	12.00	2 ¹¹ / ₁₆	55	1 ¹¹ / ₁₆	3 ³ / ₄	5600	18	62389	21.60	3 ⁷ / ₁₆	94	1 ¹¹ / ₂	1	5000
12	62326	13.00	2 ¹¹ / ₁₆	62	2 ¹ / ₄	3 ³ / ₄	7500	18	62295	16.20	2 ¹¹ / ₁₆	85	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1300
14	62242	10.00	2 ⁷ / ₁₆	35	1 ¹¹ / ₁₆	5 ⁸ / ₁₆	1000	18	62307	16.20	2 ¹¹ / ₁₆	85	1 ¹¹ / ₁₆	3 ³ / ₄	5600
14	62246	10.50	2 ¹¹ / ₁₆	45	1 ¹⁵ / ₁₆	5 ⁸ / ₁₆	1000	18	62312	19.80	2 ¹¹ / ₁₆	100	2 ¹ / ₄	1 ¹¹ / ₁₆	2500
14	62256	10.50	2 ¹¹ / ₁₆	45	1 ¹⁵ / ₁₆	1 ¹¹ / ₁₆	2000	18	62329	19.80	2 ¹¹ / ₁₆	100	2 ¹ / ₄	3 ³ / ₄	7500
14	62264	12.00	2 ¹¹ / ₁₆	55	1 ¹¹ / ₈	1 ¹¹ / ₁₆	2000	18	62337	23.60	3 ⁷ / ₁₆	145	2 ⁷ / ₈	1 ¹¹ / ₁₆	2500
14	62283	12.00	2 ¹¹ / ₁₆	55	1 ¹¹ / ₈	5 ⁸ / ₁₆	5000	18	62343	23.60	3 ⁷ / ₁₆	145	2 ⁷ / ₈	3 ³ / ₄	10000
14	62293	13.00	2 ¹¹ / ₁₆	61	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1300	20	62244	13.00	2 ⁷ / ₁₆	52	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1000
14	62305	13.00	2 ¹¹ / ₁₆	61	1 ¹¹ / ₁₆	3 ³ / ₄	5600	20	62249	14.40	2 ¹¹ / ₁₆	65	1 ¹¹ / ₁₆	3 ³ / ₄	1000
14	62327	15.60	2 ¹¹ / ₁₆	80	2 ¹ / ₄	3 ³ / ₄	7500	20	62259	14.40	2 ¹¹ / ₁₆	65	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	2000
16	62247	12.20	2 ¹¹ / ₁₆	51	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1000	20	62267	15.80	2 ¹¹ / ₁₆	76	1 ¹¹ / ₈	1 ¹¹ / ₁₆	2000
16	62257	12.20	2 ¹¹ / ₁₆	51	1 ¹⁵ / ₁₆	3 ³ / ₈	2000	20	62275	15.80	2 ¹¹ / ₁₆	80	1 ¹¹ / ₈	1	3000
16	62265	12.60	2 ¹¹ / ₁₆	60	1 ¹¹ / ₈	7 ⁸ / ₁₆	2000	20	62286	23.60	3 ⁷ / ₁₆	130	1 ¹¹ / ₈	5 ⁸ / ₁₆	5000
16	62284	13.20	2 ¹¹ / ₁₆	60	1 ¹¹ / ₈	5 ⁸ / ₁₆	5000	20	62384	22.40	2 ¹¹ / ₁₆	115	1 ¹¹ / ₂	1	3000
16	62382	18.40	2 ¹¹ / ₁₆	82	1 ¹¹ / ₂	1 ¹¹ / ₁₆	3000	20	62390	25.80	3 ⁷ / ₁₆	110	1 ¹¹ / ₂	1	5000
16	62388	19.60	2 ¹¹ / ₁₆	85	1 ¹¹ / ₂	3 ³ / ₄	5000	20	62296	18.40	2 ¹¹ / ₁₆	93	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1300
16	62294	15.20	2 ¹¹ / ₁₆	69	1 ¹¹ / ₁₆	3 ³ / ₄	1300	20	62300	18.40	2 ¹¹ / ₁₆	93	1 ¹¹ / ₁₆	1	3300
16	62306	15.20	2 ¹¹ / ₁₆	69	1 ¹¹ / ₁₆	3 ³ / ₄	5600	20	62308	18.40	2 ¹¹ / ₁₆	93	1 ¹¹ / ₁₆	3 ³ / ₄	5600
16	62328	17.00	2 ¹¹ / ₁₆	92	2 ¹ / ₄	3 ³ / ₄	5600	20	62313	21.40	2 ¹¹ / ₁₆	106	2 ¹ / ₄	1 ¹¹ / ₁₆	2500
18	62243	12.00	2 ⁷ / ₁₆	45	1 ¹¹ / ₁₆	1 ¹¹ / ₁₆	1000	20	62330	21.40	2 ¹¹ / ₁₆	106	2 ¹ / ₄	3 ³ / ₄	7500
18	62248	13.20	2 ¹¹ / ₁₆	57	1 ¹¹ / ₁₆	3 ³ / ₄	1000	20	62338	26.00	3 ⁷ / ₁₆	165	2 ⁷ / ₈	1 ¹¹ / ₁₆	2500

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim (Cont'd)

List Price and Dimensions (Listed by Diameter—For Chain List, See Page 162)

A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds	A Dia. In.	Pattern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B In.	C In.	Working Strength Pounds
20 ⁺	62344	\$26.00	3 $\frac{7}{16}$	165	2 $\frac{3}{4}$	$\frac{3}{4}$	10000	28	62279	\$22.80	2 $\frac{1}{16}$	126	1 $\frac{1}{8}$	1 $\frac{1}{8}$	3000
22	62250	16.60	2 $\frac{1}{16}$	71	$\frac{1}{16}$	$\frac{1}{16}$	1000	28	62290	33.20	3 $\frac{1}{16}$	180	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000
22	62260	16.60	2 $\frac{1}{16}$	71	$\frac{1}{16}$	$\frac{1}{16}$	2000	28	62386	32.00	2 $\frac{1}{16}$	149	1 $\frac{1}{2}$	1 $\frac{1}{8}$	3000
22	62268	17.20	2 $\frac{1}{16}$	90	1 $\frac{1}{8}$	1	2000	28	62392	33.20	3 $\frac{1}{16}$	165	1 $\frac{1}{2}$	1 $\frac{1}{8}$	5000
22	62276	17.20	2 $\frac{1}{16}$	90	1 $\frac{1}{8}$	1	3000	28	62298	26.40	2 $\frac{1}{16}$	150	1 $\frac{1}{16}$	$\frac{1}{16}$	1300
22	62287	25.80	3 $\frac{7}{16}$	147	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000	28	62302	26.40	2 $\frac{1}{16}$	150	1 $\frac{1}{16}$	1 $\frac{1}{8}$	3300
22	62314	24.00	2 $\frac{1}{16}$	135	2 $\frac{1}{4}$	1	2500	28	62310	26.40	2 $\frac{1}{16}$	150	1 $\frac{1}{16}$	1 $\frac{5}{16}$	5600
22	62320	24.00	2 $\frac{1}{16}$	135	2 $\frac{1}{4}$	1 $\frac{1}{16}$	5000	28	62317	30.20	3 $\frac{7}{16}$	180	2 $\frac{1}{4}$	1 $\frac{1}{16}$	2500
22 ⁺	62331	29.80	3 $\frac{1}{16}$	175	2 $\frac{1}{4}$	$\frac{3}{4}$	7500	28	62323	30.20	3 $\frac{7}{16}$	180	2 $\frac{1}{4}$	1 $\frac{1}{4}$	5000
22	62339	28.80	3 $\frac{7}{16}$	190	2 $\frac{7}{8}$	1	2500	28	62334	38.40	3 $\frac{1}{16}$	260	2 $\frac{1}{4}$	1 $\frac{3}{8}$	7500
22 ⁺	62345	28.80	3 $\frac{7}{16}$	190	2 $\frac{7}{8}$	$\frac{3}{4}$	10000	28	62340	37.40	3 $\frac{7}{16}$	250	2 $\frac{7}{8}$	1 $\frac{1}{16}$	2500
24	62245	15.80	2 $\frac{7}{16}$	60	$\frac{1}{16}$	$\frac{1}{16}$	1000	28	62346	37.40	3 $\frac{7}{16}$	250	2 $\frac{7}{8}$	1 $\frac{7}{16}$	10000
24	62251	17.00	2 $\frac{1}{16}$	79	$\frac{1}{16}$	$\frac{1}{16}$	1000	30	62253	22.40	2 $\frac{1}{16}$	103	$\frac{1}{16}$	$\frac{7}{8}$	1000
24	62261	17.00	2 $\frac{1}{16}$	79	$\frac{1}{16}$	$\frac{1}{16}$	2000	30	62263	22.40	2 $\frac{1}{16}$	103	$\frac{1}{16}$	$\frac{1}{16}$	2000
24	62269	19.00	2 $\frac{1}{16}$	106	1 $\frac{1}{8}$	1	2000	30	62272	25.00	2 $\frac{1}{16}$	138	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2000
24	62277	19.00	2 $\frac{1}{16}$	106	1 $\frac{1}{8}$	1 $\frac{1}{16}$	3000	30	62280	25.00	2 $\frac{1}{16}$	138	1 $\frac{1}{8}$	1 $\frac{1}{8}$	3000
24	62288	28.20	3 $\frac{1}{16}$	160	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000	30	62291	36.00	3 $\frac{1}{16}$	228	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000
24	62385	27.00	2 $\frac{1}{16}$	126	1 $\frac{1}{2}$	1 $\frac{1}{16}$	3000	30	62387	35.00	3 $\frac{7}{16}$	170	1 $\frac{1}{2}$	1 $\frac{1}{8}$	3000
24	62391	28.20	3 $\frac{1}{16}$	133	1 $\frac{1}{2}$	1 $\frac{1}{16}$	5000	30	62393	36.00	3 $\frac{1}{16}$	187	1 $\frac{1}{2}$	1 $\frac{1}{16}$	5000
24	62297	22.40	2 $\frac{1}{16}$	105	1 $\frac{1}{16}$	$\frac{7}{8}$	1300	30	62299	29.40	2 $\frac{1}{16}$	170	1 $\frac{1}{16}$	1	1300
24	62301	22.40	2 $\frac{1}{16}$	105	1 $\frac{1}{16}$	1 $\frac{1}{16}$	3300	30	62303	29.40	2 $\frac{1}{16}$	170	1 $\frac{1}{16}$	1 $\frac{1}{16}$	3300
24	62309	22.40	2 $\frac{1}{16}$	105	1 $\frac{1}{16}$	1 $\frac{1}{4}$	5600	30	62311	29.40	2 $\frac{1}{16}$	170	1 $\frac{1}{16}$	1 $\frac{3}{8}$	5600
24	62315	25.00	3 $\frac{7}{16}$	146	2 $\frac{1}{4}$	1	2500	30	62341	40.20	3 $\frac{7}{16}$	270	2 $\frac{7}{8}$	1 $\frac{1}{16}$	2500
24	62321	25.00	3 $\frac{7}{16}$	146	2 $\frac{1}{4}$	1 $\frac{1}{16}$	5000	30	62347	40.20	3 $\frac{7}{16}$	270	2 $\frac{3}{4}$	1 $\frac{1}{16}$	10000
24 ⁺	62332	32.60	3 $\frac{1}{16}$	198	2 $\frac{1}{4}$	$\frac{3}{4}$	7500	32	62318	35.80	3 $\frac{7}{16}$	200	2 $\frac{1}{4}$	1 $\frac{1}{8}$	2500
24 ⁺	65169	32.00	3 $\frac{7}{16}$	205	2 $\frac{7}{8}$	1	10000	32	62324	35.80	3 $\frac{7}{16}$	200	2 $\frac{1}{4}$	1 $\frac{1}{16}$	5000
26	62252	19.80	2 $\frac{1}{16}$	93	$\frac{1}{16}$	$\frac{7}{8}$	1000	32	62335	46.40	3 $\frac{1}{16}$	320	2 $\frac{1}{4}$	1 $\frac{1}{16}$	7500
26	62262	19.80	2 $\frac{1}{16}$	93	$\frac{1}{16}$	$\frac{1}{16}$	2000	34	62342	50.00	3 $\frac{1}{16}$	330	2 $\frac{7}{8}$	1 $\frac{1}{16}$	2500
26	62270	20.60	2 $\frac{1}{16}$	114	1 $\frac{1}{8}$	1 $\frac{1}{16}$	2000	34	62348	50.00	3 $\frac{1}{16}$	330	2 $\frac{7}{8}$	1 $\frac{1}{2}$	10000
26	62278	20.60	2 $\frac{1}{16}$	114	1 $\frac{1}{8}$	1 $\frac{1}{16}$	3000	36	62273	34.00	3 $\frac{7}{16}$	189	1 $\frac{1}{8}$	1 $\frac{1}{8}$	2000
26	62289	30.60	3 $\frac{1}{16}$	176	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000	36	62281	34.00	3 $\frac{7}{16}$	189	1 $\frac{1}{8}$	1 $\frac{1}{8}$	3000
26	64204	24.40	2 $\frac{1}{16}$	125	1 $\frac{1}{16}$	1 $\frac{1}{4}$	5600	36	62292	44.80	3 $\frac{1}{16}$	265	1 $\frac{1}{8}$	1 $\frac{1}{8}$	5000
26	62316	28.40	3 $\frac{7}{16}$	166	2 $\frac{1}{4}$	1 $\frac{1}{16}$	2500	36	62319	42.20	3 $\frac{7}{16}$	240	2 $\frac{1}{4}$	1 $\frac{1}{16}$	2500
26	62322	28.40	3 $\frac{7}{16}$	166	2 $\frac{1}{4}$	1 $\frac{1}{4}$	5000	36	62325	42.20	3 $\frac{7}{16}$	240	2 $\frac{1}{4}$	1 $\frac{3}{8}$	5000
26	62333	36.60	3 $\frac{1}{16}$	235	2 $\frac{1}{4}$	1 $\frac{3}{8}$	7500	36	62336	61.60	3 $\frac{1}{16}$	410	2 $\frac{1}{4}$	1 $\frac{1}{2}$	7500
28	62271	22.80	2 $\frac{1}{16}$	126	1 $\frac{1}{8}$	1 $\frac{1}{16}$	2000	36	62336	61.60	3 $\frac{1}{16}$	410	2 $\frac{1}{4}$	1 $\frac{1}{2}$	7500

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains
(For List Arranged by Diameter, See Page 160)

No. 60 Reliance					No. 82 Reliance				
Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
10	62240	\$ 7.20	2 $\frac{7}{16}$	26	12	62282	\$10.60	2 $\frac{13}{16}$	48
12	62241	8.60	2 $\frac{7}{16}$	30	14	62283	12.00	2 $\frac{13}{16}$	55
14	62242	10.00	2 $\frac{7}{16}$	35	16	62284	13.20	2 $\frac{13}{16}$	60
18	62243	12.00	2 $\frac{7}{16}$	45	18	62274	14.60	2 $\frac{13}{16}$	65
20	62244	13.00	2 $\frac{7}{16}$	52	20	62275	15.80	2 $\frac{13}{16}$	80
24	62245	15.80	2 $\frac{7}{16}$	60	22	62276	17.20	2 $\frac{13}{16}$	90
Nos. 67 and 77 Detachable					24	62277	19.00	2 $\frac{13}{16}$	106
10	62240	\$ 7.20	2 $\frac{7}{16}$	26	26	62278	20.60	2 $\frac{13}{16}$	114
12	62241	8.60	2 $\frac{7}{16}$	30	28	62279	22.80	2 $\frac{13}{16}$	126
14	62242	10.00	2 $\frac{7}{16}$	35	30	62280	25.00	2 $\frac{13}{16}$	138
18	62243	12.00	2 $\frac{7}{16}$	45	36	62281	34.00	3 $\frac{7}{16}$	189
20	62244	13.00	2 $\frac{7}{16}$	52	Nos. 85 and 95 Detachable				
24	62245	15.80	2 $\frac{7}{16}$	60	12	62304	\$12.00	2 $\frac{13}{16}$	55
Nos. 73, 74 and 78 Reliance					14	62293	13.00	2 $\frac{13}{16}$	61
10	62254	\$ 7.80	2 $\frac{7}{16}$	27	16	62294	15.20	2 $\frac{13}{16}$	69
12	62255	9.40	2 $\frac{13}{16}$	40	18	62295	16.20	2 $\frac{13}{16}$	85
14	62256	10.50	2 $\frac{13}{16}$	45	20	62296	18.40	2 $\frac{13}{16}$	93
16	62257	12.20	2 $\frac{13}{16}$	51	24	62297	22.40	2 $\frac{13}{16}$	105
18	62258	13.20	2 $\frac{13}{16}$	57	28	62298	26.40	2 $\frac{13}{16}$	150
20	62259	14.40	2 $\frac{13}{16}$	65	30	62299	29.40	2 $\frac{13}{16}$	170
22	62260	16.60	2 $\frac{13}{16}$	71	No. 87 Reliance				
24	62261	17.00	2 $\frac{13}{16}$	79	16	62382	\$18.40	2 $\frac{13}{16}$	82
26	62262	19.80	2 $\frac{13}{16}$	93	18	62383	21.20	2 $\frac{13}{16}$	100
30	62263	22.40	2 $\frac{13}{16}$	103	20	62384	22.40	2 $\frac{13}{16}$	115
No. 75 Reliance					24	62385	27.00	2 $\frac{13}{16}$	126
10	62254	\$ 7.80	2 $\frac{7}{16}$	27	28	62386	32.00	2 $\frac{13}{16}$	149
12	62255	9.40	2 $\frac{13}{16}$	40	30	62387	35.00	3 $\frac{7}{16}$	170
14	62246	10.50	2 $\frac{13}{16}$	45	No. 95 Reliance				
16	62247	12.20	2 $\frac{13}{16}$	51	12	62304	\$12.00	2 $\frac{13}{16}$	55
18	62248	13.20	2 $\frac{13}{16}$	57	14	62305	13.00	2 $\frac{13}{16}$	61
20	62249	14.40	2 $\frac{13}{16}$	65	16	62306	15.20	2 $\frac{13}{16}$	69
22	62250	16.60	2 $\frac{13}{16}$	71	18	62307	16.20	2 $\frac{13}{16}$	85
24	62251	17.00	2 $\frac{13}{16}$	79	20	62300	18.40	2 $\frac{13}{16}$	93
26	62252	19.80	2 $\frac{13}{16}$	93	24	62301	22.40	2 $\frac{13}{16}$	105
30	62253	22.40	2 $\frac{13}{16}$	103	28	62302	26.40	2 $\frac{13}{16}$	150
Nos. 78, 83 and 88 Detachable					30	62303	29.40	2 $\frac{13}{16}$	170
10	62254	\$ 7.80	2 $\frac{7}{16}$	27	Nos. 102, 102B and 110 Hercules				
12	62255	9.40	2 $\frac{13}{16}$	40	12	62304	\$12.00	2 $\frac{13}{16}$	55
14	62246	10.50	2 $\frac{13}{16}$	45	14	62305	13.00	2 $\frac{13}{16}$	61
16	62247	12.20	2 $\frac{13}{16}$	51	16	62306	15.20	2 $\frac{13}{16}$	69
18	62248	13.20	2 $\frac{13}{16}$	57	18	62307	16.20	2 $\frac{13}{16}$	85
20	62249	14.40	2 $\frac{13}{16}$	65	20	62300	18.40	2 $\frac{13}{16}$	93
22	62250	16.60	2 $\frac{13}{16}$	71	24	62301	22.40	2 $\frac{13}{16}$	105
24	62251	17.00	2 $\frac{13}{16}$	79	28	62302	26.40	2 $\frac{13}{16}$	150
26	62252	19.80	2 $\frac{13}{16}$	93	30	62303	29.40	2 $\frac{13}{16}$	170
30	62253	22.40	2 $\frac{13}{16}$	103					

Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains
(For List Arranged by Diameter, See Page 160)

No. 102½ Hercules					Nos. 111 and 111 Sp. Hercules (Cont'd)				
Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
12	62304	\$12.00	2 15/16	55	28	62323	\$30.20	3 7/16	180
14	62305	13.00	2 15/16	61	32	62324	35.80	3 7/16	200
16	62306	15.20	2 15/16	69	36	62325	42.20	3 7/16	240
18	62307	16.20	2 15/16	85	No. 122 Detachable				
20	62308	18.40	2 15/16	93	18	62337	\$23.60	3 7/16	145
24	62309	22.40	2 15/16	105	20	62338	26.00	3 7/16	165
26	64204	24.40	2 15/16	125	22	62339	28.80	3 7/16	190
28	62310	26.40	2 15/16	150	28	62340	37.40	3 7/16	250
30	62311	29.40	2 15/16	170	30	62341	40.20	3 7/16	270
Nos. 103, 114 and 124 Detachable					34	62342	50.00	3 13/16	330
12	62282	\$10.60	2 15/16	48	No. 124 Reliance				
14	62264	12.00	2 15/16	55	16	62388	\$19.60	2 13/16	85
16	62265	12.60	2 15/16	60	18	62389	21.60	3 7/16	94
18	62266	14.60	2 15/16	65	20	62390	25.80	3 7/16	110
20	62267	15.80	2 15/16	76	24	62391	28.20	3 13/16	133
22	62268	17.20	2 15/16	90	28	62392	33.20	3 13/16	165
24	62269	19.00	2 15/16	106	30	62393	36.00	3 13/16	187
26	62270	20.60	2 15/16	114	No. 131 Hercules				
28	62271	22.80	2 15/16	126	12	62282	\$10.60	2 15/16	48
30	62272	25.00	2 15/16	138	14	62283	12.00	2 15/16	55
36	62273	34.00	3 7/16	189	16	62284	13.20	2 15/16	60
No. 104½ Detachable					18	62274	14.60	2 13/16	65
16	62382	\$18.40	2 13/16	82	20	62275	15.80	2 13/16	80
18	62383	21.20	2 13/16	100	22	62276	17.20	2 13/16	90
20	62384	22.40	2 13/16	115	24	62277	19.00	2 13/16	106
24	62385	27.00	2 13/16	126	26	62278	20.60	2 13/16	114
28	62386	32.00	2 13/16	149	28	62279	22.80	2 13/16	126
30	62387	35.00	3 7/16	170	30	62280	25.00	2 13/16	138
No. 108 Detachable					36	62281	34.00	3 7/16	189
12	62326	\$13.00	2 13/16	62	No. 132 Hercules				
14	62327	15.60	2 13/16	80	18	62343	\$23.60	3 7/16	145
16	62328	17.00	2 13/16	92	20	62344	26.00	3 7/16	165
18	62312	19.80	2 13/16	100	22	62345	28.80	3 7/16	190
20	62313	21.40	2 13/16	106	24	65169	32.00	3 7/16	205
22	62314	24.00	2 13/16	135	28	62346	37.40	3 7/16	250
24	62315	25.00	3 7/16	146	30	62347	40.20	3 7/16	270
26	62316	28.40	3 7/16	166	34	62348	50.00	3 13/16	330
28	62317	30.20	3 7/16	180	No. 188 Hercules				
32	62318	35.80	3 7/16	200	10	62254	\$ 7.80	2 7/16	27
36	62319	42.20	3 7/16	240	12	62255	9.40	2 13/16	40
Nos. 111 and 111 Sp. Hercules					14	62256	10.50	2 13/16	45
12	62326	\$13.00	2 13/16	62	16	62257	12.20	2 13/16	51
14	62327	15.60	2 13/16	80	18	62258	13.20	2 13/16	57
16	62328	17.00	2 13/16	92	20	62259	14.40	2 13/16	65
18	62329	19.80	2 13/16	100	22	62260	16.60	2 13/16	71
20	62330	21.40	2 13/16	106	24	62261	17.00	2 13/16	79
22	62320	24.00	2 13/16	135	26	62262	19.80	2 13/16	93
24	62321	25.00	3 7/16	146	30	62263	22.40	2 13/16	103
26	62322	28.40	3 7/16	166					

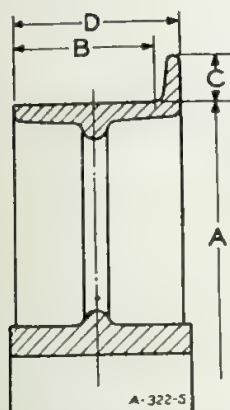
Jeffrey Traction Wheels

Made of Cast Iron with Chilled Rim

For Detachable Link, Mey-Oborn, Reliance, Pintle, Hercules, Peerless and Atlas Chains
(For List Arranged by Diameter, See Page 160)

Nos. 620, 631 and 730 Atlas					No. 835 Peerless				
Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.	Diam. In.	Pattern Number	List Price Each	Largest Bore at Regular Price	Average Weight Each Lbs.
12	62282	\$10.60	2 $\frac{1}{16}$	48	12	62326	\$13.00	2 $\frac{1}{16}$	62
14	62283	12.00	2 $\frac{1}{16}$	55	14	62327	15.60	2 $\frac{1}{16}$	80
16	62284	13.20	2 $\frac{1}{16}$	60	16	62328	17.00	2 $\frac{1}{16}$	92
18	62285	21.60	3 $\frac{7}{16}$	100	18	62329	19.80	2 $\frac{1}{16}$	100
20	62286	23.60	3 $\frac{7}{16}$	130	20	62330	21.40	2 $\frac{1}{16}$	106
22	62287	25.80	3 $\frac{7}{16}$	147	22	62320	24.00	2 $\frac{1}{16}$	135
24	62288	28.20	3 $\frac{1}{8}$	160	24	62321	25.00	3 $\frac{7}{16}$	146
26	62289	30.60	3 $\frac{1}{8}$	176	26	62322	28.40	3 $\frac{7}{16}$	166
28	62290	33.20	3 $\frac{1}{8}$	180	28	62323	30.20	3 $\frac{7}{16}$	180
30	62291	36.00	3 $\frac{1}{8}$	228	32	62324	35.80	3 $\frac{7}{16}$	200
36	62292	44.80	3 $\frac{1}{8}$	265	36	62325	42.20	3 $\frac{7}{16}$	240
No. 710 Atlas					No. 843 Peerless				
12	62326	\$13.00	2 $\frac{1}{16}$	62	16	62388	\$19.60	2 $\frac{1}{16}$	85
14	62327	15.60	2 $\frac{1}{16}$	80	18	62389	21.60	3 $\frac{7}{16}$	94
16	62328	17.00	2 $\frac{1}{16}$	92	20	62390	25.80	3 $\frac{7}{16}$	110
18	62312	19.80	2 $\frac{1}{16}$	100	24	62391	28.20	3 $\frac{1}{8}$	133
20	62313	21.40	2 $\frac{1}{16}$	106	28	62392	33.20	3 $\frac{1}{8}$	165
22	62314	24.00	2 $\frac{1}{16}$	135	30	62393	36.00	3 $\frac{1}{8}$	187
24	62315	25.00	3 $\frac{7}{16}$	146	No. 844 Peerless				
26	62316	28.40	3 $\frac{7}{16}$	166	12	62326	\$13.00	2 $\frac{1}{16}$	62
28	62317	30.20	3 $\frac{7}{16}$	180	14	62327	15.60	2 $\frac{1}{16}$	80
32	62318	35.80	3 $\frac{7}{16}$	200	16	62328	17.00	2 $\frac{1}{16}$	92
36	62319	42.20	3 $\frac{7}{16}$	240	18	62329	19.80	2 $\frac{1}{16}$	100
No. 823 Peerless					20	62330	21.40	2 $\frac{1}{16}$	106
12	62282	\$10.60	2 $\frac{1}{16}$	48	22	62331	29.80	3 $\frac{1}{8}$	175
14	62283	12.00	2 $\frac{1}{16}$	55	24	62332	32.60	3 $\frac{1}{8}$	198
16	62284	13.20	2 $\frac{1}{16}$	60	26	62333	36.60	3 $\frac{1}{8}$	235
18	62274	14.60	2 $\frac{1}{16}$	65	28	62334	38.40	3 $\frac{1}{8}$	260
20	62275	15.80	2 $\frac{1}{16}$	80	32	62335	46.40	3 $\frac{1}{8}$	320
22	62276	17.20	2 $\frac{1}{8}$	90	36	62336	61.60	3 $\frac{1}{8}$	410
24	62277	19.00	2 $\frac{1}{8}$	106	No. 847 Peerless				
26	62278	20.60	2 $\frac{1}{8}$	114	18	62343	\$23.60	3 $\frac{7}{16}$	145
28	62279	22.80	2 $\frac{1}{8}$	126	20	62344	26.00	3 $\frac{7}{16}$	165
30	62280	25.00	2 $\frac{1}{8}$	138	22	62345	28.80	3 $\frac{7}{16}$	190
36	62281	34.00	3 $\frac{7}{16}$	189	24	65169	32.00	3 $\frac{7}{16}$	205
Nos. 825 and 830 Peerless					28	62346	37.40	3 $\frac{7}{16}$	250
12	62282	\$10.60	2 $\frac{1}{16}$	48	30	62347	40.20	3 $\frac{7}{16}$	270
14	62283	12.00	2 $\frac{1}{16}$	55	34	62348	50.00	3 $\frac{1}{8}$	330
16	62284	13.20	2 $\frac{1}{16}$	60	No. 4103 Pintle				
18	62285	21.60	3 $\frac{7}{16}$	100	12	62282	\$10.60	2 $\frac{1}{16}$	48
20	62286	23.60	3 $\frac{7}{16}$	130	14	62283	12.00	2 $\frac{1}{16}$	55
22	62287	25.80	3 $\frac{7}{16}$	147	16	62284	13.20	2 $\frac{1}{16}$	60
24	62288	28.20	3 $\frac{1}{8}$	160	18	62285	21.60	3 $\frac{7}{16}$	100
26	62289	30.60	3 $\frac{1}{8}$	176	20	62286	23.60	3 $\frac{7}{16}$	130
28	62290	33.20	3 $\frac{1}{8}$	180	22	62287	25.80	3 $\frac{7}{16}$	147
30	62291	36.00	3 $\frac{1}{8}$	228	24	62288	28.20	3 $\frac{1}{8}$	160
36	62292	44.80	3 $\frac{1}{8}$	265	26	62289	30.60	3 $\frac{1}{8}$	176
					28	62290	33.20	3 $\frac{1}{8}$	180
					30	62291	36.00	3 $\frac{1}{8}$	228
					36	62292	44.80	3 $\frac{1}{8}$	265

Jeffrey Single Flanged Idlers



Furnished in Cast Iron or Cast Steel



List Price, Weights and Dimensions
Cast Iron Single Flanged Idlers

For Detachable Link Chains Nos. 67, 75 and 77

A Diam. In.	Pat- tern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
8 1/4	29664	\$ 8.00	2 7/16	35	2 1/2	2	2 15/16
12	29670	11.00	2 15/16	46	2 1/4	1 1/4	2 15/16
18 3/4	29657	14.60	2 15/16	77	2 1/4	1 1/2	3
20	29642	17.00	2 15/16	75	2 3/8	1 1/8	3 5/8
37	29645	32.00	2 15/16	149	2 1/8	3/4	2 5/8

Nos. 78 and 88

8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 7/16
12	29686	11.40	2 15/16	45	2 1/2	1 1/2	3 3/8
14 1/4	29697	12.00	2 15/16	69	2 5/8	1 1/8	3 3/8
16 5/8	29669	13.20	2 15/16	60	2 1/2	1 1/8	3 3/8
18	29691	13.60	2 15/16	60	2 5/8	1	3 3/8
21 3/4	29635	19.00	2 15/16	92	2 3/4	2	3 1/2
23 3/4	29641	20.00	2 15/16	109	2 1/2	1 1/2	3 3/8
30	29651	23.40	2 15/16	117	2 1/2	1	3 1/4

No. 83

10	8200	\$10.80	2 15/16	50	3	1	4
15 1/8	29685	12.40	2 15/16	53	2 3/4	1	3 3/8
22 1/8	26825	18.40	2 15/16	99	3	1 3/8	3 7/8

Nos. 85, 95 and 104 1/2

18	29693	\$14.00	2 15/16	65	3 7/8	1 1/8	4 1/8
24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4

No. 103

10	8200	\$10.80	2 15/16	50	3	1	4
22 1/8	26825	18.40	2 15/16	99	3	1 3/8	3 7/8
31	29652	38.00	3 7/16	202	3	2 7/16	4

No. 108

12	29682	\$13.40	2 15/16	60	5	9/16	5 11/16
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Nos. 114 and 124

18	29693	\$14.00	2 15/16	65	3 7/8	1 3/8	4 9/16
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For Hercules Chains

No. 102

12	29682	\$13.40	2 15/16	60	5	9/16	5 11/16
24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4

Nos. 102B and 110

12	29682	\$13.40	2 15/16	60	5	9/16	5 11/16
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No. 131

10	29671	\$11.00	2 15/16	42	3 7/8	1	4 1/2
18	29693	14.00	2 15/16	65	3 7/8	1 3/8	4 9/16
24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4

No. 188

8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 7/16
10	29665	10.00	2 7/16	40	2 3/4	1 1/4	3 3/8
15 1/8	29685	12.40	2 15/16	53	2 3/4	1	3 3/8
16	29696	17.40	2 15/16	83	2 7/8	1 9/16	3 3/4
22 3/4	29640	20.00	2 15/16	109	2 3/4	2	3 1/2

For Reliance Chains

No. 60

A Diam. In.	Pat- tern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
12	29670	\$11.00	2 15/16	46	2 1/4	1 1/4	2 15/16
18 3/4	29657	14.60	2 15/16	77	2 1/4	1 1/2	3

No. 73

10	29665	\$10.00	2 7/16	40	2 3/4	1 1/4	3 3/8
12	29686	11.40	2 15/16	45	2 1/2	1 1/2	3 3/8
14 1/4	29697	12.00	2 15/16	69	2 5/8	1 1/8	3 3/8
16 5/8	29669	13.20	2 15/16	60	2 1/2	1 1/8	3 3/8
20	29634	18.80	2 15/16	107	2 1/2	1 1/8	3 1/8

Nos. 74 and 75

8 1/4	29664	\$ 8.00	2 7/16	35	2 1/2	2	2 15/16
12	29686	11.40	2 15/16	45	2 1/2	1 1/2	3 1/8
16 5/8	29669	13.20	2 15/16	60	2 1/2	1 1/8	3 1/8
19 3/4	29643	16.00	2 15/16	75	2 3/8	1 1/8	3

No. 78

8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 7/16
10	29665	10.00	2 7/16	40	2 3/4	1 1/4	3 3/8
14 1/4	29697	12.00	2 15/16	69	2 5/8	1 1/8	3 3/8
18	29691	13.60	2 15/16	60	2 5/8	1	3 3/8
21 3/4	29635	19.00	2 15/16	92	2 3/4	2	3 1/2
22 3/4	29640	20.00	2 15/16	109	2 3/4	2	3 1/2

No. 82

10	8200	\$10.80	2 15/16	50	3	1	4
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No. 124

24	29644	\$33.00	3 7/16	195	4	1 1/4	4 3/4
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For Peerless Chains

No. 823

18	29693	\$14.00	2 15/16	65	3 7/8	1 3/8	4 9/16
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For Atlas Chains

No. 730

18	29693	\$14.00	2 15/16	65	3 7/8	1 3/8	4 9/16
64	60144	130.00	3 15/16	687	4	1 1/2	5

For Malleable Roller Chains

Nos. 1, 2 and 2 Sp.

8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 7/16
12	29686	11.40	2 15/16	45	2 1/2	1 1/2	3 3/8
16	29696	17.40	2 15/16	83	2 7/8	1 9/16	3 3/4
20	29634	18.80	2 15/16	107	2 1/2	1 1/8	3 1/8
24	29636	24.00	2 15/16	119	2 5/8	1 1/8	3 3/8

Nos. 3 and 124

10	8200	\$10.80	2 15/16	50	3	1	4
31	29652	38.00	3 7/16	202	3	2 7/16	4

Nos. 5, 5c, 156 and 156c

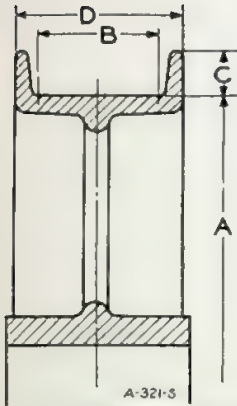
10	29671	\$11.00	2 15/16	42	3 7/8	1	4 1/2
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Jeffrey Single Flanged Idlers

List Price, Weights and Dimensions

For Malleable Roller Chains---Cont'd.								For Steel Thimble Roller Chains---Cont'd							
Nos. 6 and 6c								No. 575							
A Diam. In.	Pat- tern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall	A Diam. In.	Pat- tern No.	List Price Each	Largest Bore at Reg. Price	Average Weight Each Pounds	B Face In.	C Depth Flange In.	D Width Overall
12	29682	\$13.40	2 1/16	60	5	9/16	5 1/16	10	29671	\$11.00	2 1/16	42	3 7/8	1	4 1/2
Nos. 14 and 14 1/2								24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4
12	29686	\$11.40	2 1/16	45	2 1/2	1 1/2	3 3/8	No. 1114							
16 5/8	29669	13.20	2 1/16	60	2 1/2	1 5/16	3 1/8	8	29659	\$ 9.60	2 7/16	28	2 3/4	7/8	3 1/8
19 3/4	29643	16.00	2 1/16	75	2 3/8	1 5/8	3	12	29686	11.40	2 1/16	45	2 1/2	1 1/2	3 3/8
23 3/4	29641	20.00	2 1/16	109	2 1/2	1 1/2	3 3/8	15 1/8	29685	12.40	2 1/16	53	2 3/4	1	3 3/8
29 3/4	29650	26.00	2 1/16	133	2 1/2	1 5/8	3 1/2	18	29693	14.00	2 1/16	65	3 7/8	1 3/8	4 1/8
37	29645	32.00	2 1/16	149	2 1/8	3/4	2 5/8	19 3/4	29643	16.00	2 1/16	75	2 3/8	1 5/8	3
Nos. 17, 18, 21c and 62								24	29636	24.00	2 1/16	119	2 5/8	1 7/8	3 3/8
18 3/4	29657	\$14.60	2 1/16	77	2 1/4	1 1/2	3	Nos. 1126 and 1126c							
37	29645	32.00	2 1/16	149	2 1/8	3/4	2 5/8	Use No. 1114 S. T. R.							
Nos. 23c, 126 and 126c								For Vulcan Chains							
8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 7/8	No. 119							
12	29687	12.00	2 1/16	50	2 3/4	1	3 1/8	18	29693	\$14.00	2 1/16	65	3 7/8	1 3/8	4 1/8
16	29696	17.40	2 1/16	83	2 7/8	1 5/8	3 3/4	24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4
21 3/4	29635	19.00	2 1/16	92	2 3/4	2	3 1/2	64	60144	130.00	3 1/16	687	4	1 1/2	5
24	29636	24.00	2 1/16	119	2 5/8	1 7/8	3 3/8	Nos. 211, 241 and 526							
No. 62								12	29670	\$11.00	2 1/16	40	2 1/4	1 1/4	2 1/8
Use No. 17 Malleable Roller								18 3/4	29657	14.60	2 1/16	77	2 1/4	1 1/2	3
No. 124								19 3/4	29643	16.00	2 1/16	75	2 3/8	3/4	3
Use No. 3 Malleable Roller								37	29645	32.00	2 1/16	149	2 1/8	3/4	2 5/8
Nos. 126 and 126c								Nos. 313 and 558							
Use No. 23c Malleable Roller								12	29686	\$11.40	2 1/16	45	2 1/2	1 1/2	3 1/8
Nos. 156 and 156c								16 5/8	29669	13.20	2 1/16	60	2 1/2	1 1/8	3 1/8
Use No. 5 Malleable Roller								20	29634	18.80	2 1/16	107	2 1/2	1 7/8	3 1/8
For Steel Thimble Roller Chains								23 3/4	29641	20.00	2 1/16	109	2 1/2	1 1/2	3 3/8
No. 17								No. 327							
12	29670	\$11.00	2 1/16	46	2 1/4	1 1/4	2 1/16	10	8200	\$10.80	2 1/16	50	3	1	4
18 3/4	29657	14.60	2 1/16	77	2 1/4	1 1/2	3	31	29652	38.00	3 7/16	202	3	2 7/16	4
No. 27								No. 526							
Use No. 1114 S. T. R.								Use No. 211							
No. 27 Sp.								No. 558							
8 1/4	29664	\$ 8.00	2 7/16	35	2 1/2	2	2 1/16	Use No. 313							
12	29686	11.40	2 1/16	45	2 1/2	1 1/2	3 1/8	For Flat and Round Link Chains							
16 5/8	29669	13.20	2 1/16	60	2 1/2	1 5/16	3 3/8	Nos. 504 1/2 and 506							
20	29634	18.80	2 1/16	107	2 1/2	1 7/8	3 1/8	8	29660	\$ 8.20	2 7/16	24	2 3/4	7/8	3 1/8
24	29636	24.00	2 1/16	119	2 5/8	1 7/8	3 3/8	10	29665	10.00	2 7/16	40	2 3/4	1 1/4	3 3/8
No. 112								15 1/8	29685	12.40	2 1/16	53	2 3/4	1	3 3/8
10	29671	\$11.00	2 1/16	42	3 7/8	1	4 1/2	20	29634	18.80	2 1/16	107	2 1/2	1 7/8	3 1/8
24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4	22 3/4	29640	20.00	2 1/16	109	2 3/4	2	3 1/2
64	60144	130.00	3 1/16	687	4	1 1/2	5	31	29652	38.00	3 7/16	202	3	2 7/16	4
No. 116								No. 516							
Use No. 112 S. T. R.								12	60231	\$13.00	2 1/16	48	3 1/2	1 1/2	4 1/4
No. 120								18	29693	14.00	2 1/16	65	3 7/8	1 3/8	4 1/8
Use No. 1114 S. T. R.								31	29652	38.00	3 7/16	202	3	2 7/16	4
No. 149								Nos. 516 1/2 and 518							
Use No. 1114 S. T. R.								10	29671	\$11.00	2 1/16	42	3 7/8	1	4 1/2
No. 234								24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4
10	8200	\$10.80	2 1/16	50	3	1	4	64	60144	130.00	3 1/16	687	4	1 1/2	5
24	29644	33.00	3 7/16	195	4	1 1/4	4 3/4	Nos. 520, 520 1/2 and 521							
64	60144	130.00	3 1/16	687	4	1 1/2	5	12	29682	\$13.40	2 1/16	60	5	9/16	5 1/16
No. 301															
Use No. 1114 S. T. R.															
No. 433 1/2															
8 1/4	29664	\$ 8.00	2 7/16	35	2 1/2	2	2 1/16								
12	29670	11.00	2 1/16	46	2 1/4	1 1/4	2 1/16								
16 5/8	29669	13.20	2 1/16	60	2 1/2	1 5/16	3 1/8								
20	29634	18.80	2 1/16	107	2 1/2	1 7/8	3 1/8								
23 3/4	29641	20.00	2 1/16	109	2 1/2	1 1/2	3 3/8								
29 3/4	29650	26.00	2 1/16	133	2 1/2	1 5/8	3 1/2								

Jeffrey Double Flanged Idlers



Furnished In Cast Iron or Cast Steel

Cast Iron Double Flanged Idlers

List Price, Weight and Dimensions



For Detachable Link Chain

Nos. 57, 62 and 66

A Diam. Inches	Pat- tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
8	29663	\$ 7.00	1 15/16	26	1 7/8	1 15/16	3
10	29673	10.60	2 7/16	47	2	1 1/4	2 1/2
19 7/8	29690	16.00	2 15/16	72	1 7/8	1 1/6	3
23 1/4	29629	18.00	2 7/16	72	1 3/4	1 1/4	3

Nos. 67, 75 and 77

12 1/4	29688	\$11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 1/8	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2

Nos. 78 and 88

11	29681	\$10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 7/16	57	2 1/2	1 1/4	3 5/8
17 7/8	29694	15.60	2 15/16	83	2 7/8	1 1/2	4 1/8

Nos. 85 and 95

12	29672	\$14.60	2 15/16	77	4 1/4	1 1/2	7
13	29684	14.40	2 15/16	73	4	1 1/4	5

No. 104 1/2

13	29684	\$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 1/8	4 7/8

No. 108

12	29666	\$15.60	2 15/16	72	4 3/4	7/8	6 1/8
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No. 114

18	13210	\$21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 1/8	4 7/8

No. 124

13	29684	\$14.40	2 15/16	73	4	1 1/4	5
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For Hercules Chain

No. 102

8 1/4	13569	\$ 9.00	2 7/16	35	4 1/8	7/8	5 1/4
12	12092	16.00	2 15/16	91	4 1/4	1 1/4	6
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

Nos. 102B, 102 1/2 and 110

8	15885	\$12.00	2 7/16	44	5 5/8	1	6 7/8
12	13068	16.80	2 15/16	90	4 1/16	1 1/4	6 1/2
16	29633	24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

Nos. 111 and 111 Sp.

8	15885	\$12.00	2 7/16	44	5 5/8	1	6 7/8
12	13600	18.60	2 15/16	90	6	1 3/8	8
16	29633	24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
20	29625	32.60	3 7/16	190	6	1 3/8	7 5/8
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

For Hercules Chain—Cont'd.

No. 131

A Diam. Inches	Pat- tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
8	17273	*\$14.80	2 7/16	70	4	1 1/2	5 1/4
12	3916	15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 132

12	13600	\$18.60	2 15/16	90	6	1 3/8	8
30 1/4	4776	61.00	3 7/16	365	6 1/2	1 1/2	9 1/8

No. 188

8	29667	\$ 7.60	1 15/16	30	2 3/8	3/4	3 1/8
10	29668	9.60	2 7/16	31	2 1/2	3/4	3 3/8
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8

* Extra Heavy Wheel—Finished Face.

For Reliance Drive Chains

No. 60

16	29689	\$14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/16	3 1/2
19 7/8	60071	17.80	2 15/16	96	2 1/8	1 1/16	3 1/2

No. 73

11	29681	\$10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4

Nos. 74 and 75

10	29668	\$ 9.60	2 7/16	31	2 1/2	3/4	3 3/8
11	29681	10.80	2 7/16	50	2 3/4	1 1/2	4 1/4
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2

No. 78

12	29655	\$12.40	2 15/16	61	2 3/4	1 1/2	4
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4

Nos. 87 and 95

12	3916	\$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 124

12	29672	\$14.60	2 15/16	77	4 1/4	1 1/2	7
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For Peerless Chain

No. 823

12	3916	\$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2

No. 825

12	29666	\$15.60	2 15/16	72	4 3/4	7/8	6 1/8
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4

Nos. 835, 843 and 844

16	29633	\$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
20	29625	32.60	3 7/16	190	6	1 3/8	7 5/8

Jeffrey Double Flanged Idlers

List Price, Weight and Dimensions

For Atlas Chains							
No. 620							
A Diam. Inches	Pat-tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
12	29672	\$14.60	2 15/16	77	4 1/4	1 1/2	7
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4
No. 631							
18	29632	\$22.00	2 15/16	110	4 1/2	3/4	5 3/4
No. 730							
13	29684	\$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
25 3/4	29628	25.00	2 15/16	134	3 5/8	1 3/8	4 7/8
For Malleable Roller Chains							
Nos. 3 and 124							
12	3916	\$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
13	29684	14.40	2 15/16	73	4	1 1/4	5
Nos. 5, 5C, 156 and 156C							
21	29653	\$27.00	3 7/16	132	3 1/4	1 3/8	5
Nos. 6 and 6C							
12	29666	\$15.60	2 15/16	72	4 3/4	7/8	6 1/8
18	29626	33.80	3 7/16	200	5 1/8	1 5/8	7
Nos. 9 1/2 and 9 1/2 Sp.							
19 7/8	29690	\$16.00	2 7/16	72	1 7/8	1 1/4	3
23 1/4	29629	18.00	2 7/16	72	1 3/4	1 1/4	3
Nos. 14 and 14 1/2							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/8	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2
29	29647	28.00	2 15/16	115	2	1 1/8	3 5/8
Nos. 17, 18, 21C and 62							
10	29673	\$10.60	2 7/16	47	2	1 1/4	2 15/16
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
18	29630	16.00	2 15/16	77	2 1/4	1 1/8	3 1/2
23	29654	21.00	2 15/16	93	2 1/4	1 1/8	3 1/2
29	29647	28.00	2 15/16	115	2	1 1/8	3 5/8
No. 62							
Use No. 17 Malleable Roller							
No. 124							
Use No. 3 Malleable Roller							
Nos. 156 and 156C							
Use No. 5 Malleable Roller							
For Steel Thimble Roller Chains							
No. 17							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/8	3 1/2
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 1/8	3 1/2
No. 27							
11	29681	\$10.80	2 15/16	50	2 3/4	1 1/2	4 1/4
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8
No. 27 Sp.							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
No. 112							
18	29632	\$22.00	2 15/16	110	4 1/2	3/4	5 3/4
No. 116							
Use No. 112 S T R							
No. 120							
Use No. 1114 S T R							

For Steel Thimble Roller Chains—Cont'd.							
No. 149							
Use No. 27 S T R							
No. 234							
A Diam. Inches	Pat-tern No.	List Price Each	Largest Bore at Regular Price	Average Weight Each Pounds	B Face In.	C Depth In.	D Width Overall
13	29684	\$14.40	2 15/16	73	4	1 1/4	5
18	29632	22.00	2 15/16	110	4 1/2	3/4	5 3/4
No. 301							
Use No. 1114 S T R							
No. 433 1/2							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
14 1/4	60070	13.00	2 15/16	60	2 7/8	7/8	3 3/4
18	29630	16.00	2 15/16	77	2 1/4	1 1/8	3 1/2
No. 575							
12	29666	\$15.60	2 15/16	72	4 3/4	7/8	6 1/8
No. 1114							
13	29684	\$14.40	2 15/16	73	4	1 1/4	5
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
21	29653	27.00	3 7/16	132	3 1/4	1 3/8	5
Nos. 1126 and 1126C							
Use No. 1114 S T R							
For Vulcan Chains							
No. 119							
12	3916	\$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	13210	21.00	2 15/16	105	4	1 1/2	5 1/4
22	29627	28.00	2 15/16	153	4	1 1/2	5 1/2
Nos. 211, 241 and 526							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
12 1/4	29688	11.00	2 15/16	48	2 1/2	3/4	3 1/2
16	29689	14.00	2 15/16	50	2 1/4	7/8	3 3/8
19 3/4	29637	19.00	2 15/16	90	2 1/4	1 1/8	3 1/2
Nos. 313 and 558							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
No. 327							
12	3916	\$15.00	2 15/16	76	3 1/2	1 1/2	4 3/4
18	3474	21.00	3 7/16	100	3 3/8	3/4	4 5/8
21	29653	27.00	3 7/16	132	3 1/4	1 3/8	5
No. 526							
Use No. 211							
No. 558							
Use No. 313							
No. 627							
16	29633	\$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
18	29626	33.80	3 7/16	200	5 1/8	1 5/8	7
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4
For Flat and Round Link Chains							
Nos. 504 1/2 and 506							
10	29668	\$ 9.60	2 7/16	31	2 1/2	1 1/2	3 3/8
11	29681	10.80	2 15/16	50	2 3/4	1 1/2	4 1/4
12	29658	12.00	2 15/16	57	2 1/2	1 1/4	3 5/8
16	29695	13.20	2 15/16	55	2 3/4	1 1/2	4 1/4
20	60069	22.60	2 15/16	124	3	1 1/2	4 5/8
Nos. 516 1/2 and 518							
12	29672	\$14.60	2 15/16	77	4 1/4	1 1/2	7
No. 520							
12	29672	\$14.60	2 15/16	77	4 1/4	1 1/2	7
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4
Nos. 520 1/2 and 521							
16	29633	\$24.00	2 15/16	134	5 1/2	1 1/2	7 1/8
27 1/2	29638	50.40	3 7/16	300	5 1/8	1 5/8	7 1/4

Jeffrey Steel Shafting

True, Straight and Standard Gauge

Diam. In.	Weight per Foot Lbs.	Base List Price per Foot	Net Price per Foot to be added after discount is taken from Base Price per Foot	† Net Cut- ting Charge	Standard Stock Lengths Feet	Diam. In.	Weight per Foot Lbs.	Base List Price per Foot	Net Price per Foot to be added after discount is taken from Base Price per Foot	† Net Cut- ting Charge	Standard Stock Lengths Feet
$\frac{3}{4}$	1.50	\$0.15	\$0.01	\$0.12	10-12	$3\frac{1}{8}$	31.56	\$3.16	\$0.16	\$0.35	20
$\frac{7}{8}$	2.35	.24	.01	.12	10-12	$3\frac{1}{2}$	32.71	3.27	.165	.35	20
1	2.67	.27	.01	.12	10-12	$3\frac{3}{8}$	36.31	3.63	.185	.40	20
$1\frac{1}{8}$	3.77	.38	.015	.15	20	$3\frac{1}{2}$	41.40	4.14	.335	.40	20
$1\frac{1}{4}$	4.17	.42	.015	.15	10-12	4	42.73	4.27	.345	.40	20
$1\frac{1}{2}$	5.52	.56	.02	.15	20	$4\frac{1}{8}$	46.83	4.68	.375	.40	20
$1\frac{3}{4}$	6.01	.60	.02	.15	20	$4\frac{1}{2}$	52.58	5.26	.525	.50	20
2	7.60	.76	.02	.20	20	$4\frac{3}{4}$	54.07	5.41	.54	.50	20
$2\frac{1}{8}$	8.18	.82	.02	.20	10-12	$4\frac{1}{2}$	58.67	5.87	.585	.60	20
$2\frac{1}{4}$	10.02	1.00	.025	.20	18-24	$4\frac{3}{4}$	65.10	6.51	.815	.60	20
$2\frac{1}{2}$	10.68	1.07	.03	.20	20	5	66.76	6.68	.835	.60	20
$2\frac{3}{4}$	12.78	1.28	.03	.25	20	$5\frac{1}{8}$	78.95	7.90	1.38	.75	20
3	15.86	1.59	.03	.25	18-24	$5\frac{1}{2}$	80.77	8.08	1.42	.75	20
$3\frac{1}{8}$	16.69	1.67	.03	.25	20	$5\frac{3}{4}$	94.14	9.41	2.12	.75	20
$3\frac{1}{4}$	19.29	1.93	.03	.30	20	6	96.14	9.61	2.25	-----	20
$3\frac{3}{8}$	23.04	2.30	.08	.30	20	$6\frac{1}{8}$	110.70	11.07	3.32	-----	20
$3\frac{1}{2}$	24.03	2.40	.085	.30	20	$6\frac{1}{2}$	112.80	11.28	3.38	-----	20
$3\frac{3}{4}$	27.13	2.71	.095	.35	20						

*These sizes are Standard Sizes for which we carry journal bearings and other accessories as listed elsewhere.

Shafts above $5\frac{1}{2}$ " dia. should be of Hammered Steel and prices will be quoted on application. Above list prices cover Cold Rolled Steel Shafting.

†Net cutting charge is made for each shaft furnished other than standard stock lengths.

Minimum charge for cutting \$0.25.

Shafts longer than standard stock lengths can be furnished at an extra price.

All prices are to be calculated on even foot lengths. A 2 foot 3 inch shaft will be charged as 4 feet, a 5 foot shaft as 6 feet and so on.

No charge for burlapping freight shipments. For burlapping express shipments: full length \$0.25 per 100 pounds, minimum charge \$0.25. Boxing \$0.50 per 100 pounds, minimum charge \$0.75.

Horse Power of Steel Shafting

For Head and Jack Shafts—Bearings Close to Main Sheaves or Pulleys

Diameter Shaft Inches	Number of Revolutions Per Minute									
	100	125	150	175	200	225	250	300	350	400
$1\frac{1}{8}$	2.7	3.4	4.1	4.7	5.4	6.1	6.7	8.1	9.5	10.8
$1\frac{1}{4}$	3.8	4.8	5.7	6.7	7.7	8.6	9.6	11.5	13.4	15.4
$1\frac{1}{2}$	5.8	7.3	8.7	10.4	11.6	13.1	14.5	17.5	20.0	23.0
$2\frac{1}{8}$	8.4	10.5	12.6	14.7	16.8	19.0	21.0	25.0	29.0	34.0
$2\frac{1}{4}$	11.6	14.4	17.3	20.0	22.0	26.0	29.0	35.0	40.0	46.0
$2\frac{1}{2}$	15.5	19.4	23.0	27.0	31.0	35.0	39.0	46.0	54.0	62.0
$2\frac{3}{4}$	20.0	25.0	30.0	35.0	41.0	46.0	51.0	61.0	71.0	81.0
$3\frac{1}{8}$	32.0	40.0	49.0	57.0	65.0	73.0	81.0	97.0	113.0	129.0
$3\frac{1}{4}$	49.0	61.0	73.0	85.0	98.0	110.0	122.0	147.0	171.0	195.0
$3\frac{3}{8}$	70.0	88.0	105.0	123.0	140.0	158.0	175.0	211.0	246.0	281.0
$4\frac{1}{8}$	97.0	121.0	145.0	169.0	193.0	217.0	242.0	290.0	337.0	386.0
$4\frac{1}{4}$	133.0	166.0	199.0	232.0	265.0	298.0	331.0	398.0	465.0	531.0
$5\frac{1}{8}$	173.0	216.0	259.0	302.0	345.0	389.0	432.0	518.0	605.0	691.0
$6\frac{1}{2}$	220.0	275.0	330.0	385.0	440.0	495.0	550.0	660.0	770.0	880.0

For Line Shaft Service

$1\frac{3}{8}$	2.1	2.6	3.2	3.7	4.2	4.7	5.3	6.3	7.4	8.4
$1\frac{1}{2}$	3.7	4.6	5.6	6.5	7.4	8.3	9.3	11.1	13.0	14.8
$1\frac{3}{4}$	6.0	7.5	9.0	10.5	12.0	13.5	15.0	18.0	21.0	24.0
$2\frac{1}{8}$	9.1	11.4	13.7	15.9	18.2	20.5	22.8	27.3	31.9	36.4
$2\frac{1}{4}$	13.1	16.4	19.7	22.9	26.2	29.5	32.8	39.3	45.9	52.4
$2\frac{1}{2}$	18.1	22.6	27.2	31.7	36.2	40.7	45.3	54.3	63.4	72.4
$2\frac{3}{4}$	24.3	30.4	36.5	42.5	48.6	54.7	60.8	72.9	85.1	97.2
$3\frac{1}{8}$	31.7	39.6	47.6	55.5	63.4	71.3	79.3	95.1	111.0	126.8
$3\frac{1}{4}$	50.8	63.5	76.2	88.9	101.6	114.3	127.0	152.4	177.8	203.2
$3\frac{3}{8}$	76.3	95.4	114.5	133.5	152.6	171.7	190.8	228.9	267.1	305.2
$4\frac{1}{8}$	109.2	136.5	163.8	191.1	218.4	245.7	273.0	327.6	382.2	436.8
$4\frac{1}{4}$	150.5	188.1	225.8	263.4	301.0	338.6	376.3	451.5	526.8	602.0
$5\frac{1}{8}$	208.0	260.0	312.0	364.0	416.0	468.0	520.0	624.0	728.0	832.0
6	270.0	337.5	405.0	472.5	540.0	607.5	675.0	810.0	945.0	1080.0
$6\frac{1}{2}$	343.3	429.1	515.0	600.8	686.6	772.4	858.3	1029.9	1201.6	1373.2

Jeffrey Steel Shafting

List Price for Keyseating Shafting

Diameter Shaft Inches	* Each Keyseat One Foot or Less	Additional Length of Keyseat for Each Foot or Less Add	Milling Ends of Keyseat Round or Square End Per Each End	Diameter Shaft Inches	* Each Keyseat One Foot or Less	Additional Length of Keyseat for Each Foot or Less Add	Milling Ends of Keyseat Round or Square End Per Each End
1 $\frac{1}{8}$ 1 $\frac{1}{4}$ 1 $\frac{1}{2}$	\$1.80	\$0.60	\$0.50	3 $\frac{7}{8}$ 3 $\frac{1}{2}$ 3 $\frac{1}{4}$	\$3.00	\$1.40	\$0.90
1 $\frac{3}{8}$ 2 $\frac{1}{4}$	2.00	.70	.60	4 $\frac{1}{8}$ 4 $\frac{1}{2}$ 5 $\frac{1}{8}$	3.80	1.80	1.10
2 $\frac{3}{8}$ 2 $\frac{1}{2}$ 2 $\frac{3}{4}$	2.20	.80	.70	5 $\frac{1}{2}$ 6 $\frac{1}{8}$ 6 $\frac{1}{4}$	4.60	2.40	1.30
3 $\frac{1}{8}$ 3 $\frac{1}{4}$	2.40	1.00	.80		5.40	3.00	1.50

*Ends of Keyseat as left by milling cutter.

List Prices for Fitting Keys. (Key included in Prices.)

For Keys not exceeding 6 inches long up to 1 $\frac{1}{8}$ inches diameter Shafts.

For Keys not exceeding 9 inches long 1 $\frac{1}{8}$ inches diameter and larger Shafts.

Diam. Shaft Inches	To and Incl. 1 ³ / ₁₆	1 ⁷ / ₁₆	1 ¹¹ / ₁₆	1 ¹⁵ / ₁₆	2 ³ / ₁₆	2 ⁷ / ₁₆	2 ¹¹ / ₁₆	2 ¹⁵ / ₁₆	3 ¹ / ₁₆	3 ⁵ / ₁₆ 3 ¹¹ / ₁₆	4 ¹ / ₁₆	4 ⁵ / ₁₆	5 ¹ / ₁₆	5 ⁵ / ₁₆	6 ⁷ / ₁₆	6 ¹¹ / ₁₆
Slip Key	\$1.80	\$2.10	\$2.40	\$2.70	\$3.20	\$3.80	\$4.50	\$5.10	\$6.40	\$7.70	\$8.60	\$9.80	\$11.00	\$12.00	\$13.00	\$14.20
Drive Key	2.20	2.60	3.00	3.40	4.00	4.80	5.60	6.40	8.00	9.60	10.80	12.20	13.60	15.00	16.40	17.80
Feather Key	2.30	2.80	3.20	3.60	4.20	5.10	5.90	6.70	8.40	10.10	11.40	12.80	14.40	15.80	17.20	18.80
Gib Key	3.40	4.00	4.60	5.20	6.00	7.00	8.20	9.40	12.00	14.80	16.20	18.60	21.00	23.40	25.80	28.20

Standard Keys Parallel, Taper and Feather Keys Only, Not Fitted.

Diam. Shaft In.	Width of Key In.	Thickness of Key In.	Length of Key—List Price Each									
			3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
1 $\frac{1}{8}$	1/4	1/4	\$.16	\$.18	\$.20	\$.22						
1 $\frac{1}{4}$	5/16	5/16	.17	.19	.21	.23						
1 $\frac{1}{2}$	3/8	3/8	.19	.21	.23	.25						
1 $\frac{3}{8}$	7/16	7/16	.22	.24	.27	.30						
1 $\frac{1}{2}$	1/2	1/2	.25	.28	.32	.35	\$.38	\$.41	\$.44			
2 $\frac{1}{8}$	5/8	5/8	.30	.34	.38	.42	.46	.50	.54			
2 $\frac{1}{4}$	3/4	3/4	.35	.40	.45	.50	.55	.60	.65			
2 $\frac{3}{8}$	7/8	7/8	.42	.48	.54	.60	.66	.72	.78			
2 $\frac{1}{2}$	1	1	.47	.54	.61	.69	.76	.83	.90	\$.97	\$1.05	\$1.12
3 $\frac{1}{8}$	1 1/8	1 1/8	.57	.67	.77	.87	.97	1.06	1.16	1.26	1.36	1.46
3 $\frac{1}{4}$	1 1/4	1 1/4	.70	.84	.97	1.11	1.24	1.38	1.51	1.65	1.78	1.92
4 $\frac{1}{8}$	1 3/8	1 3/8		1.05	1.23	1.40	1.58	1.75	1.93	2.10	2.28	2.45
4 $\frac{1}{4}$	1 1/2	1 1/2		1.31	1.53	1.76	1.98	2.20	2.43	2.65	2.87	3.10
5 $\frac{1}{8}$	1 3/4	1 3/4			1.89	2.17	2.44	2.72	2.99	3.27	3.54	3.82
5 $\frac{1}{4}$	1 7/8	1 7/8			2.29	2.63	2.95	3.29	3.63	3.95	4.29	4.60
6 $\frac{1}{8}$	2	2			2.29	2.63	2.95	3.29	3.63	3.95	4.29	4.60
6 $\frac{1}{4}$	2 1/8	2 1/8			3.24	3.71	4.18	4.65	5.11	5.58	6.05	6.52

Gib Head Keys Only, Not Fitted

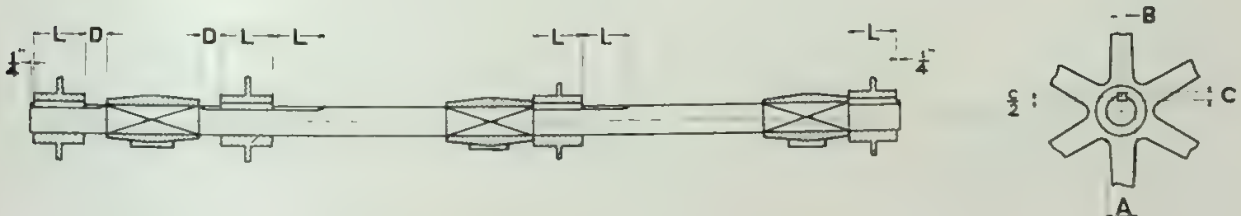
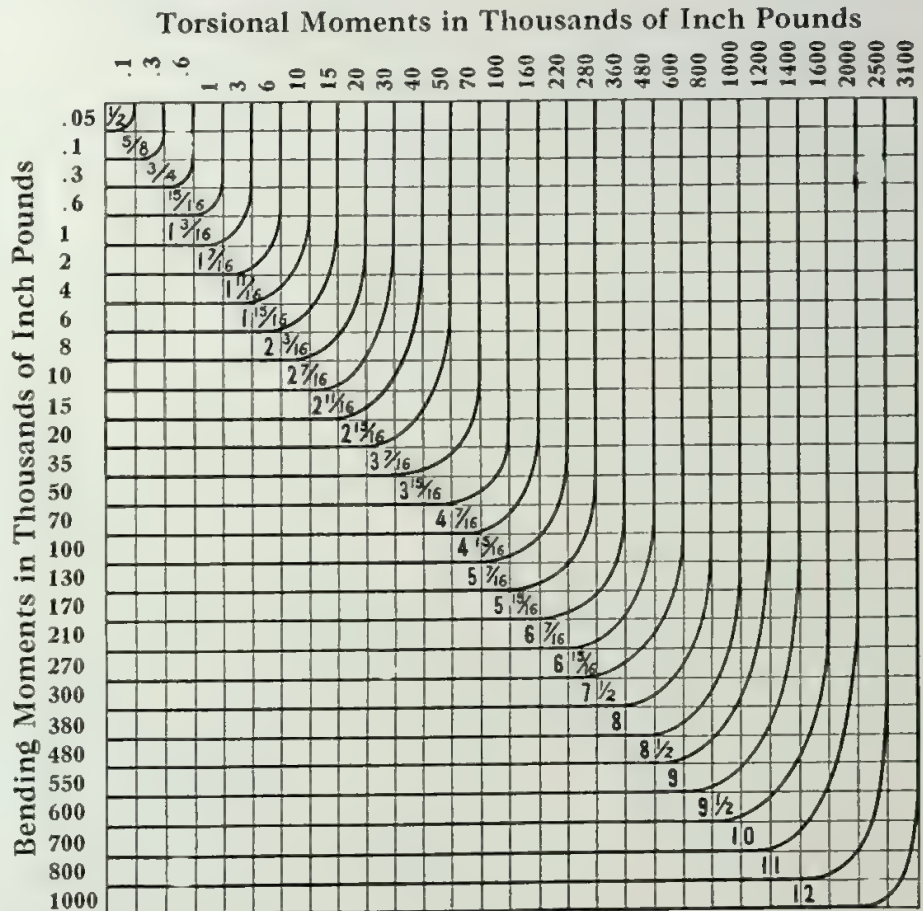
Diam. Shaft In.	Width of Key In.	Thickness of Key In.	Length of Key—List Price Each									
			3"	4"	5"	6"	7"	8"	9"	10"	11"	12"
1 $\frac{1}{8}$	1/4	1/4	\$.31	\$.35	\$.38	\$.42						
1 $\frac{1}{4}$	5/16	5/16	.33	.37	.40	.44						
1 $\frac{1}{2}$	3/8	3/8	.37	.41	.46	.50						
1 $\frac{3}{8}$	7/16	7/16	.42	.47	.53	.58						
1 $\frac{1}{2}$	1/2	1/2	.50	.56	.63	.69	\$.76	\$.82	\$.89			
2 $\frac{1}{8}$	5/8	5/8	.59	.67	.75	.83	.91	.99	1.07			
2 $\frac{1}{4}$	3/4	3/4	.70	.80	.89	.99	1.09	1.19	1.28			
2 $\frac{3}{8}$	7/8	7/8	.83	.95	1.07	1.19	1.31	1.43	1.55			
2 $\frac{1}{2}$	1	1	.97	1.12	1.26	1.40	1.55	1.69	1.83			
3 $\frac{1}{8}$	1 1/8	1 1/8	1.32	1.52	1.72	1.92	2.12	2.32	2.52			
3 $\frac{1}{4}$	1 1/4	1 1/4		1.99	2.26	2.53	2.80	3.07	3.34	\$3.61	\$3.88	\$4.15
4 $\frac{1}{8}$	1 3/8	1 3/8		2.53	2.88	3.23	3.58	3.93	4.28	4.63	4.98	5.33
4 $\frac{1}{4}$	1 1/2	1 1/2			3.59	4.03	4.47	4.92	5.36	5.80	6.24	6.68
5 $\frac{1}{8}$	1 3/4	1 3/4			4.38	4.93	5.47	6.02	6.57	7.12	7.66	8.21
5 $\frac{1}{4}$	1 7/8	1 7/8			5.25	5.90	6.58	7.25	7.90	8.58	9.23	9.91
6 $\frac{1}{8}$	2	2			5.25	5.90	6.58	7.25	7.90	8.58	9.23	9.91
6 $\frac{1}{4}$	2 1/8	2 1/8			7.25	8.19	9.12	10.06	10.99	11.93	12.86	13.80

Jeffrey Steel Shafting

Steel Shaft Sizes from Combined Torsion and Bending Moments

A Bending Moment is that force of a given pull and leverage which is operative to bend a shaft; while a Torsional Moment is operative to twist it. The proper amount of metal in cross-section necessary to resist the largest combined action of Bending and Torsional Moments determines the shaft size.

Shaft-Sizes are to be found between the curved lines at the intersection of Bending and Torsion Values in thousands of inch lbs. as given in Table. Unit Torsion 11350 lbs. per square inch and unit Bending 8750 lbs. upon an ultimate of 62500 lbs.



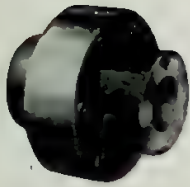
Jeffrey Standard Keys

Parallel, Taper and Feather Keys only, not Fitted

Dimensions in Inches—For List Price, see opposite page

A Diam. of Shaft	B Width of Key	C Thickness of Key	D Inches	L Length of Standard Hubs	A Diam. of Shaft	B Width of Key	C Thickness of Key	D Inches	L Length of Standard Hubs
7/8-1 1/8	3/4	3/4	3/8	2	2 1/8-3 3/8	3/4	3/4	1 1/4	5
1 1/8-1 3/8	1 1/8	1 1/8	1	2 1/2	3 7/8-3 7/8	7/8	7/8	1 3/8	5 1/4
1 3/8-1 5/8	1 3/8	1 3/8	1	3	3 1/2-4 1/2	1	1	1 1/2	6
1 5/8-1 7/8	1 5/8	1 5/8	1	3 1/2	4 1/2-4 7/8	1 1/8	1 1/8	1 1/2	6 3/4
1 7/8-2 1/8	1 7/8	1 7/8	1 1/8	4	4 1/2-5 1/8	1 1/4	1 1/4	1 5/8	7 1/2
2 1/8-2 3/8	2 1/8	2 1/8	1 1/8	4 1/2	5 1/8-5 7/8	1 3/8	1 3/8	1 5/8	8 3/4
2 3/8-2 5/8	2 3/8	2 3/8	1 1/8	4 3/4	5 1/2-6 1/4	1 1/2	1 1/2	1 3/4	9
2 5/8-2 7/8	2 5/8	2 5/8	1 1/4	4 3/4	6 1/2-6 7/8	1 5/8	1 1/2	1 3/4	9 3/4

Jeffrey Shaft Couplings and Collars



Flange Coupling

FLANGE Couplings are accurately machined to maintain perfect alignment of shafts.

Reducing couplings can be furnished. For price of reducing coupling add 20% to List Price of coupling for the larger shaft size.

List Prices and Dimensions

Flange Couplings											
Diam. Shaft In.	List Price		Dimensions		Approx. Weight Each Lbs.	Diam. Shaft In.	List Price		Dimensions		Approx. Weight Each Lbs.
	Includ- ing Key not Fitted	Extra for Fitting to Shaft	Out- side Diam. In.	Over- all Length In.			Includ- ing Key not Fitted	Extra for Fitting to Shaft	Out- side Diam. In.	Over- all Length In.	
1 1/8	\$ 7.00	\$4.00	5 1/2	4	11	2 1/8	\$18.20	\$ 6.00	9 3/8	8	72
1 1/16	7.50	4.00	6	4 1/2	14	3 1/8	25.20	8.50	11 1/4	9	94
1 1/4	8.00	4.00	6 1/2	5	18	3 1/16	33.20	10.00	12 1/4	10	125
1 1/2	8.50	4.50	7	5 1/2	23	4 1/8	47.60	12.00	13 1/2	11	180
1 3/4	9.00	4.40	7 3/4	6	30	4 1/16	60.20	12.50	15	12	252
2 1/8	10.50	5.00	8 3/8	6 1/2	38	5 1/8	73.80	14.00	16	13 1/2	350
2 1/16	12.50	5.50	8 7/8	7	60	5 1/16	89.00	16.00	17	14 1/2	400
2 1/4	15.20	5.50	9 3/8	7 1/2	68						

Flexible Couplings—Dimensions in Inches

Pat- tern No.	List Price	Bore	Out- side Diam.	Width Belt	Dis- tance be- tween Flanges	Approx. Weight Each Lbs.
28497	\$24.00	1 1/2 & Less	8	1 1/4	1 1/2	35
24772	46.00	1 1/2 to 2 1/8	10 1/2	2	2 3/4	80
20983	84.00	2 1/8 to 3 7/8	14 1/2	3 1/2	4 1/4	220
29609	128.00	3 1/8 to 4 1/2	19	5	5 1/2	440
16480						
16482	180.00	5 7/8 to 7	21	6	6 1/2	500

Diameter and Length of Hubs to suit conditions.

Flexible Couplings—

These couplings are made only on order. Shafts may be slightly out of line. We have patterns for five sizes but these sizes can be made to cover quite a range of work.



Flexible Coupling



Safety Set Collars

These collars are of the accepted safety type. They are faced, bored true and run smooth against bearings.

List Price and Dimensions

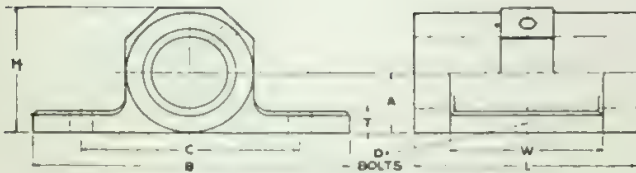
Size	List Price		Out- side Diam. Solid	Out- side Diam. Split	Thick- ness of Solid or Split*	Approx. Weight Lbs.		Size	List Price		Out- side Diam. Solid	Out- side Diam. Split	Thick- ness of Solid or Split*	Approx. Weight Lbs.	
	Solid Collar	Split Collar				Solid	Split		Solid Collar	Split Collar				Solid	Split
1 1/8	\$.60	\$.90	2 1/8	2 1/8	1 1/8-1 3/8	1/2		3 7/8	\$ 3.00	\$ 4.50	5 7/8	5 1/8	2	4 3/4	5 1/2
1 1/16	.65	1.00	2 1/8	2 1/8	1 1/8-1 3/8	1/2		3 11/16	3.30	4.95	5 1/8	6 3/8	2 1/4	5 5/8	7 1/2
1 1/4	.80	1.20	2 7/8	3 3/8	1 3/8	3/4	1 1/4	3 1/16	3.60	5.40	6 1/8	7	2 3/4	6 1/2	10
1 1/2	1.00	1.50	3	3 3/8	1 5/8	1 1/2	1 3/4	4	3.75	5.65	6 3/8	7	2 3/4	6 1/2	10
1 3/4	1.05	1.60	3	3 3/8	1 5/8	1 1/2	1 3/4	4 7/16	4.70	7.05	7 5/8	8	3 1/4	13 1/2	
1 1/2	1.20	1.80	3 1/8	3 5/8	1 5/8	1 1/2		4 11/16	5.30	7.95	7 7/8	8 1/4	3 1/4		
1 1/2	1.40	2.10	3 1/8	3 5/8	1 5/8	1 1/2	2 1/4	4 1/8	5.90	8.85	8 1/8	8 1/2	3 1/4	16 1/4	20 3/4
2	1.45	2.20	3 1/8	3 5/8	1 5/8	1 1/2	2 1/4	5 1/16	7.20	10.80	8 5/8	9	3 1/4		
2 1/8	1.60	2.40	4 1/8	4 11/16	1 7/8	2 3/4	4	5 11/16	7.90	11.85	9 1/8	9 1/2	3 1/4		
2 1/16	1.80	2.70	4 1/8	4 11/16	1 7/8	2 3/4	4 1/4	5 1/8	8.60	12.90	9 1/8	9 1/2	3 1/4		
2 1/2	1.90	2.85	4 1/8	4 11/16	1 7/8	2 3/4	4 1/4	6 1/16	10.10	15.15	10 3/8	10 1/2	3 1/2		
2 3/4	2.10	3.15	4 1/8	5 1/8	1 7/8	3 1/4	4 1/4	6 1/2	10.30	15.45	10 3/8	10 1/2	3 1/2		
2 1/2	2.40	3.60	4 1/8	5 1/8	1 7/8	4 1/4	4 1/4	6 1/8	11.70	17.55	10 7/8	11	3 1/2		
3	2.50	3.75	4 1/8	5 1/8	1 7/8	4 1/4	4 1/4								

*Two dimensions apply respectively to Solid and Split.



Jeffrey Pillow Blocks

Heavy Solid Journal Bearing

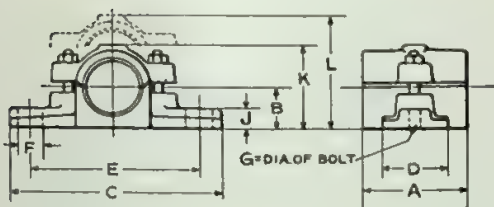


Heavier than the ordinary transmission bearing, having longer bearing and base for general elevating and conveying use. Bearings are tapped for grease cups, but cups not furnished unless ordered.

List Prices and Dimensions

Diam. Shaft In.	Babbitted Bearing		Pipe Tap for Grease Cup	Dimensions—Inches							
	List Price	Approx. Weight in. Lbs.		A	B	C	D	H	L	T	W
$\frac{1}{8}$	\$ 1.20	2.25	$\frac{1}{8}$	$\frac{3}{8}$	5	$3\frac{1}{8}$	$\frac{3}{8}$	$1\frac{7}{8}$	3	$\frac{7}{16}$	2
$1\frac{1}{8}$	1.60	4.5	$\frac{1}{8}$	$1\frac{1}{16}$	$6\frac{1}{4}$	4	$\frac{1}{2}$	$2\frac{1}{4}$	4	$\frac{1}{2}$	$2\frac{1}{2}$
$1\frac{1}{4}$	2.00	6.5	$\frac{1}{4}$	$1\frac{1}{4}$	$6\frac{3}{4}$	$4\frac{1}{4}$	$\frac{5}{8}$	$2\frac{1}{2}$	$4\frac{1}{2}$	$\frac{1}{2}$	3
$1\frac{1}{2}$	2.60	9	$\frac{1}{4}$	$1\frac{1}{2}$	$8\frac{1}{8}$	$5\frac{1}{4}$	$\frac{5}{8}$	$2\frac{7}{8}$	$5\frac{1}{2}$	$\frac{3}{4}$	$3\frac{5}{8}$
$1\frac{3}{4}$	3.40	13	$\frac{1}{4}$	$1\frac{3}{4}$	$8\frac{1}{2}$	$5\frac{5}{8}$	$\frac{5}{8}$	$3\frac{1}{2}$	6	$\frac{3}{4}$	4
$2\frac{1}{8}$	4.20	17	$\frac{1}{4}$	$1\frac{1}{2}$	$8\frac{7}{8}$	6	$\frac{5}{8}$	$3\frac{3}{4}$	7	$\frac{3}{4}$	$4\frac{1}{2}$
$2\frac{1}{4}$	5.40	25	$\frac{3}{8}$	$2\frac{1}{16}$	$10\frac{1}{4}$	7	$\frac{3}{4}$	$4\frac{1}{4}$	$7\frac{1}{2}$	$\frac{3}{4}$	$5\frac{1}{8}$
$2\frac{1}{2}$	6.60	29	$\frac{3}{8}$	$2\frac{3}{16}$	$10\frac{5}{8}$	$7\frac{3}{8}$	$\frac{3}{4}$	$4\frac{5}{8}$	8	$\frac{3}{4}$	$5\frac{5}{8}$
$2\frac{3}{4}$	8.00	36.5	$\frac{1}{2}$	$2\frac{7}{16}$	12	$8\frac{1}{4}$	$\frac{3}{4}$	5	9	$\frac{7}{8}$	6
$3\frac{1}{8}$	10.00	52	$\frac{1}{2}$	$2\frac{3}{4}$	$12\frac{1}{2}$	$9\frac{1}{8}$	$\frac{7}{8}$	$5\frac{1}{2}$	10	1	$6\frac{1}{8}$
$3\frac{1}{4}$	14.00	70	$\frac{1}{2}$	3	14	$10\frac{1}{8}$	$\frac{7}{8}$	6	12	1	$6\frac{3}{4}$

Common Flat Box



Designed as an inexpensive babbitted bearing, light in weight but strongly built.



List Prices and Dimensions

Diam. Shaft	List Price	Approx. Weight Lbs.	Dimensions in Inches									
			A	B	C	D	E	F	G	J	K	L
$\frac{1}{8}$	\$1.00	2.5	2	1	$6\frac{1}{2}$	$1\frac{3}{8}$	$4\frac{3}{4}$	1	$\frac{1}{2}$	$\frac{5}{8}$	$2\frac{1}{8}$	$3\frac{1}{4}$
$1\frac{1}{8}$	1.30	4.3	$2\frac{1}{2}$	$1\frac{1}{8}$	$7\frac{1}{4}$	$1\frac{3}{8}$	$5\frac{1}{2}$	1	$\frac{5}{8}$	$\frac{5}{8}$	$2\frac{3}{8}$	$3\frac{3}{4}$
$1\frac{1}{4}$	1.60	5.6	3	$1\frac{3}{8}$	8	$2\frac{1}{4}$	$6\frac{1}{8}$	1	$\frac{5}{8}$	$\frac{3}{4}$	$2\frac{3}{4}$	$4\frac{1}{4}$
$1\frac{1}{2}$	2.20	7.6	$3\frac{1}{2}$	$1\frac{1}{2}$	$8\frac{5}{8}$	$2\frac{1}{2}$	$6\frac{1}{2}$	$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	$3\frac{1}{8}$	$4\frac{3}{4}$
$1\frac{3}{4}$	2.80	9.6	4	$1\frac{5}{8}$	$9\frac{3}{8}$	$2\frac{3}{4}$	$7\frac{1}{4}$	$1\frac{1}{4}$	$\frac{5}{8}$	$\frac{7}{8}$	$3\frac{3}{8}$	5
$2\frac{1}{8}$	3.40	13.0	$4\frac{1}{2}$	$1\frac{7}{8}$	10	3	$7\frac{5}{8}$	$1\frac{3}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	$3\frac{3}{4}$	$5\frac{1}{2}$
$2\frac{1}{4}$	4.10	18.0	5	2	$10\frac{3}{4}$	$3\frac{1}{4}$	$8\frac{1}{4}$	$1\frac{1}{2}$	$\frac{3}{4}$	1	4	$5\frac{3}{4}$
$2\frac{1}{2}$	5.40	21.0	$5\frac{1}{2}$	$2\frac{1}{8}$	$11\frac{1}{2}$	$3\frac{5}{8}$	9	$1\frac{1}{2}$	$\frac{3}{4}$	1	$4\frac{3}{8}$	$6\frac{1}{4}$
$2\frac{3}{4}$	6.50	26.0	6	$2\frac{3}{8}$	$12\frac{1}{8}$	$3\frac{7}{8}$	$9\frac{5}{8}$	$1\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$4\frac{3}{4}$	$6\frac{1}{2}$

For Price List of Grease Cups, see page 180

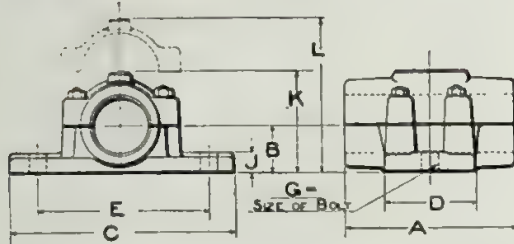
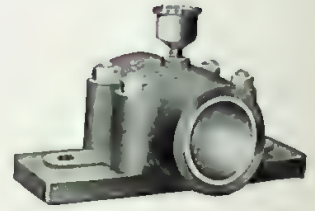
Jeffrey Pillow Blocks

Two Hole Rigid Pillow Blocks



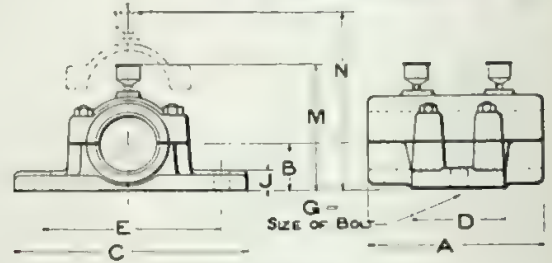
Always specify if bearings are required with plain reservoir or for grease cups; otherwise either may be furnished.

A high quality of Babbitt is used.



Plain Oiling

List Prices and Dimensions

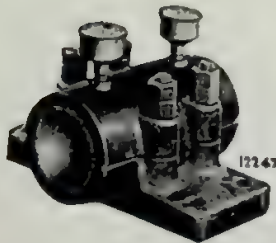


Grease Oiling

Dia. Shaft In.	Price without Grease Cups	No. of Cap Bolts	Grease Cups		Approx. Weight in Lbs.		Dimensions—Inches											
			No.	Size	Plain	Grease	A	B	C	D	E	G	J	K Max.	L Max.	M Max.	N Max.	
$1\frac{1}{8}$	\$1.60	2	1	00	6.15	5.8	$3\frac{3}{4}$	$1\frac{1}{4}$	$7\frac{3}{4}$	$2\frac{1}{4}$	$5\frac{1}{2}$	$5\frac{5}{8}$	$\frac{3}{4}$	$2\frac{1}{8}$	$3\frac{1}{8}$	$4\frac{5}{8}$	6	
$1\frac{1}{4}$	2.00	2	1	0	7.6	7.3	$4\frac{1}{2}$	$1\frac{1}{8}$	8	$2\frac{3}{8}$	6	$5\frac{5}{8}$	$1\frac{1}{8}$	$2\frac{1}{8}$	$4\frac{1}{2}$	$5\frac{1}{2}$	7	
$1\frac{1}{2}$	2.60	2	1	0	10.55	10.1	$5\frac{1}{4}$	$1\frac{5}{8}$	$8\frac{1}{2}$	3	$6\frac{1}{2}$	$5\frac{5}{8}$	$\frac{7}{8}$	$3\frac{1}{8}$	5	6	$7\frac{5}{8}$	
$1\frac{3}{4}$	3.60	2	1	1	14.7	15.3	6	$1\frac{11}{16}$	$10\frac{1}{4}$	$3\frac{3}{8}$	$7\frac{3}{4}$	$5\frac{5}{8}$	$\frac{7}{8}$	$3\frac{1}{8}$	$5\frac{1}{2}$	$6\frac{3}{8}$	$8\frac{1}{8}$	
2	4.60	2	1	1	19.6	19.8	$6\frac{3}{4}$	2	$10\frac{3}{8}$	$3\frac{3}{4}$	8	$\frac{3}{4}$	1	$4\frac{1}{8}$	$6\frac{1}{4}$	$6\frac{3}{4}$	$8\frac{7}{8}$	
$2\frac{1}{8}$	5.60	2	1	2	23.16	23.5	$7\frac{1}{2}$	$2\frac{1}{8}$	$10\frac{3}{4}$	4	$8\frac{1}{4}$	$\frac{3}{4}$	$1\frac{1}{8}$	$4\frac{3}{8}$	$6\frac{5}{8}$	$7\frac{1}{8}$	$9\frac{1}{8}$	
$2\frac{1}{4}$	7.00	4	1	2	32.	31.7	$8\frac{1}{4}$	$2\frac{1}{8}$	$11\frac{1}{2}$	$4\frac{3}{8}$	$8\frac{1}{2}$	$\frac{3}{4}$	$1\frac{1}{8}$	$4\frac{3}{4}$	$6\frac{7}{8}$	$7\frac{7}{8}$	10	
$2\frac{1}{2}$	8.80	4	1	3	38.5	38.7	9	$2\frac{1}{2}$	$12\frac{1}{8}$	$4\frac{3}{4}$	9	$\frac{3}{4}$	$1\frac{1}{8}$	$5\frac{1}{8}$	$7\frac{3}{8}$	$8\frac{3}{8}$	$10\frac{1}{2}$	
$2\frac{3}{4}$	12.80	4	2	2	57.9	56.1	$10\frac{1}{2}$	$2\frac{3}{8}$	$13\frac{1}{2}$	$5\frac{1}{2}$	10	$\frac{7}{8}$	$1\frac{1}{8}$	$5\frac{7}{8}$	$8\frac{3}{4}$	$9\frac{1}{4}$	$12\frac{1}{8}$	
3	16.00	4	2	2	77.	82.	12	$3\frac{1}{8}$	15	$6\frac{1}{8}$	11	$\frac{7}{8}$	$1\frac{1}{8}$	$6\frac{1}{8}$	$9\frac{3}{8}$	$9\frac{7}{8}$	13	
$3\frac{1}{4}$	21.00	4	2	3	99.6	105.2	$13\frac{1}{2}$	$3\frac{5}{8}$	16	$6\frac{3}{4}$	12	1	$1\frac{1}{2}$	$7\frac{1}{8}$	$10\frac{1}{8}$	$11\frac{3}{4}$	15	
4	27.00	4	2	3	130.8	134.3	15	$3\frac{3}{4}$	$17\frac{1}{4}$	$7\frac{1}{4}$	$12\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{2}$	$8\frac{1}{8}$	$11\frac{1}{2}$	$12\frac{3}{8}$	16	

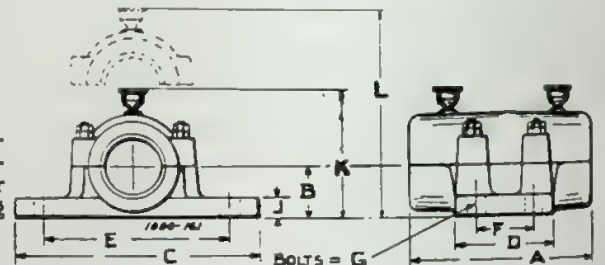
*When Split Bearing is required use Common Flat Box shown on page 173.

†Prices with Plain Reservoir same as price without grease cups.



Four Hole Rigid Pillow Blocks

Slightly heavier than the ordinary transmission bearing having been designed especially for general elevating and conveying use.

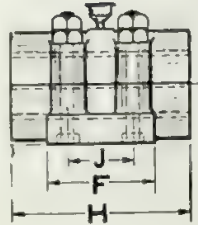
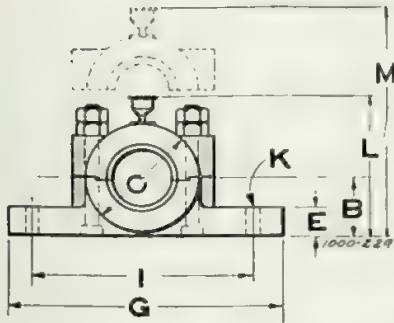


Diam. Shaft Inches	List Price Each Without Grease Cups	Approx. Weight in Lbs.	Grease Cups		Dimensions—Inches									
			No.	Size	A	B	C	D	E	F	G	J	K Max	L Max
1 1/8	\$5.00	18	1	1	6	1 3/4	7 3/4	4	6	2 1/2	1 1/2	3/8	5 3/8	8 1/4
1 1/4	6.00	24	1	1	6 3/4	2	8 5/8	4 1/4	6 3/4	2 1/2	1 1/2	1	6 1/4	8 3/8
1 1/2	7.40	28	1	2	7 1/2	2 1/8	9 1/2	4 1/2	7 1/2	2 1/2	5/8	1 1/8	6 7/8	9 3/8
1 3/4	9.80	38	1	2	8 1/4	2 3/8	10 1/4	4 3/4	8 1/4	2 3/4	5/8	1 1/8	7 1/4	10 1/2
2	11.00	44	1	3	9	2 1/2	11 1/4	5 1/4	9	3	3/4	1 1/4	7 7/8	11
2 1/8	14.60	64	2	2	10 1/2	2 3/8	12 3/4	5 3/4	10 1/2	3 1/2	3/4	1 3/8	8 1/4	11 5/8
2 1/4	20.00	90	2	2	12	3 1/4	14 3/4	6 3/4	12	4	7/8	1 1/2	9	13
2 1/2	25.20	120	2	3	13 1/2	3 5/8	16 1/2	7 1/2	13 1/2	4 1/2	1	1 1/2	10	14 1/4
3	33.60	150	2	3	15	4	18	8	15	5	1	1 5/8	10 1/8	15 3/4

For List Prices of Grease Cups, see page 180.

Jeffrey Pillow Blocks

Extra Heavy Rigid Pillow Blocks



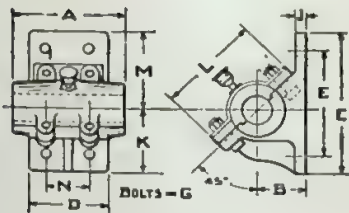
A very heavy rigid bearing designed for severe service where the shafting is subjected to shocks or other hard usage such as car hauls, eccentric feeders, etc.

Dia. Shaft	List Price Without Grease Cups	Grease Cups†		Approx. Weight in Lbs.	B	C	E	F	G	H	I*	J*	K*	L	M
		No.	Size												
2 7/16	\$13.40	1	2	42	2 3/8	4 1/2	1 1/8	4 1/2	11	7 1/2	8 1/2	2 3/4	1 1/8	7 1/4	10 3/4
2 1/2	20.40	1	3	63	2 1/8	5 1/8	1 1/8	5 3/4	12 1/2	9	10	3 1/8	1 1/8	8 1/2	12 1/4
3 1/8	22.60	2	2	80	3 1/4	5 5/8	1 1/8	6 1/2	14	10	11	4	1 1/8	8 5/8	12 5/8
3 1/2	36.80	2	2	148	3 1/2	7	1 3/4	8	14 1/2	12	11 1/2	5 1/2	1 3/8	9 3/4	13 7/8
4 1/8	45.00	2	3	200	4	8	1 3/4	9	16	13	13	6	1 3/8	11	16
4 1/2	67.20	2	3	250	4 3/8	8 3/4	1 7/8	10	16 3/4	14	13 1/2	7	1 3/8	12	17 1/2
5 1/8	76.80	2	4	295	4 1/2	9 5/8	2	10	18	15	14 3/4	7 1/2	1 3/8	13 1/4	18 3/8
5 1/2	90.00	2	4	355	5 1/2	9 3/4	2	12	19	16	15	8	1 3/8	13 3/4	19 7/8
6 1/8	102.40	2	4	410	5 7/8	10 1/2	2 1/4	12	20	16 1/2	16	8	1 3/8	14 1/2	21 7/8
6 1/2	134.40	2	4	535	6 1/2	11 3/8	2 3/8	13	22	17	18	8 1/2	1 3/8	15 3/8	22 7/8
7 1/2	151.00	2	4	640	7	12 1/2	2 1/2	12	25 1/2	17				17 1/8	25 7/8
7 1/2	186.00	2	4	830	7 1/2	14	2 3/4	13	26	17	21 1/2	8 1/2	1 3/8	18 3/8	28 1/8
8 1/2	202.00	2	4	900	7 3/4	14 1/2	2 3/4	13	29	17	23	8 1/2	1 3/8	18 7/8	26 1/2
9	240.00	2	4	1070	8	15	2 3/4	15	30	18	25	10 1/4	1 3/8	19 1/8	30 1/4
10	270.00	2	4	1200	8	15	2 3/4	16	30	20	25	10 1/4	1 3/8	19 3/8	30 1/4

* Bolt holes will be drilled to dimensions in table unless otherwise specified.

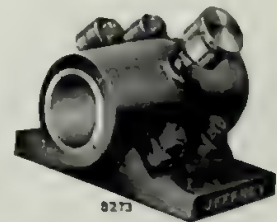
† For List Price of Grease Cups; see page 180.

Angle Pillow Blocks



Made for head shaft use for inclined and horizontal conveyors and inclined elevators. All sizes have four cap bolts with two nuts each.

* All sizes of Angle Pillow Blocks listed can be furnished either with babbitted bearings or bronze bushed bearings. Prices on application.



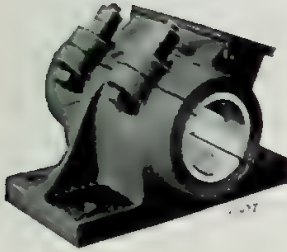
Dia. In.	List Price Without Grease Cups Babbitted*	Grease Cups†		Pipe Tap for Grease Cups	Approx. Weight in Lbs.	Dimensions—Inches										
		No.	Size			A	B	C	D	E	G	J	K	L	M	N
1 1/16	\$ 6.00	1	0	1/4	20	5 1/4	2 1/2	8 1/2	4	6 1/2	1 1/2	7 5/8	4 1/4	4 1/8	4 1/4	2 1/4
1 1/8	7.00	1	1	1/4	24	6	2 3/4	9 1/4	4 1/2	7 1/8	1 1/2	1	4 5/8	5 1/8	4 5/8	2 3/2
2 1/8	8.00	1	1	1/4	29	6 3/4	3	9 3/4	4 3/4	7 1/2	5/8	1	4 7/8	5 1/8	4 7/8	2 1/2
2 1/4	9.50	1	2	3/8	37	7 1/2	3 1/8	10 1/4	5	8 1/8	5/8	1	5 1/8	5 1/8	5 1/8	3
2 1/2	11.00	1	2	3/8	43	8 1/4	3 1/8	10 3/4	5 1/4	8 1/2	3/4	1 1/8	5 3/8	6 1/8	5 3/8	3
2 3/8	12.50	1	3	1/2	58	9	3 5/8	11 1/4	5 3/4	8 3/8	3/4	1 1/8	5 3/8	7 1/8	5 3/8	3 1/2
3 1/8	17.00	2	2	3/8	76	10 1/2	4	12 1/2	6 1/2	10	3/4	1 1/4	6 1/4	7 1/8	6 1/4	4
3 1/2	24.00	2	2	3/8	128	12	4 5/8	14	8	11 1/2	3/8	1 3/8	7	9 1/8	7	5
4 1/8	38.00	2	3	1/2	180	13 1/2	5 3/8	16 1/4	8 1/2	13	1	1 1/2	8 1/8	10 1/8	8 1/8	5 1/2
4 1/2	52.00	2	3	1/2	245	15	5 5/8	18 1/2	9 1/2	15	1	1 5/8	9 1/4	11 1/8	9 1/4	6
5 1/8	76.00	2	4	1/2	315	16 1/2	6 1/4	20	11	16 3/4	1 1/8	1 5/8	10	13 3/8	10	6 1/2

* Bolt holes will be drilled to dimensions in table unless otherwise specified.

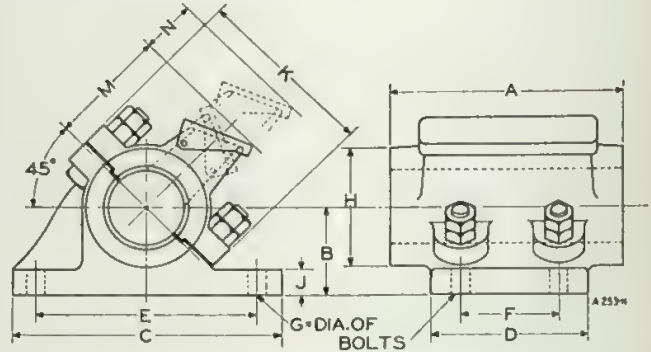
† For List Prices of Grease Cups, see page 180.

Jeffrey Pillow Blocks

Calypsol Angle Pillow Blocks



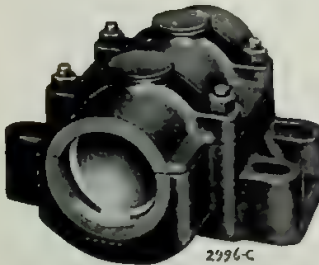
Calypsol or Grease Pocket Bearings are used extensively in places where only infrequent attention is desirable, such as in cement mills. The Grease pocket, of large capacity, is easy to refill and provides ample lubrication for a long time without attention.



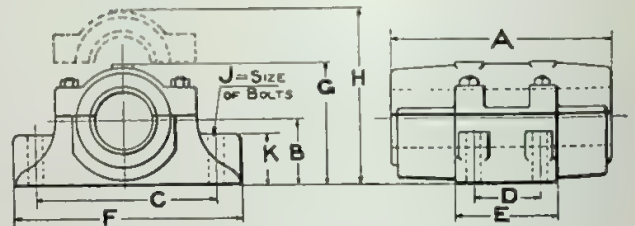
List Price and Dimensions

Diam. Shaft In.	List Price	Approx. Weight Lbs.	A	B	C	D	E	F	G	H	J	K	M	N
1 1/16	\$ 8.20	22	5 1/4	2 1/2	8 1/2	4	6 1/2	2 1/4	1 1/2	2 7/8	7/8	4 13/16	3 13/16	1 3/4
1 1/8	9.40	26	6	2 3/4	9 1/4	4 1/2	7 1/8	2 1/2	1 1/2	3 1/4	1	5 1/16	4	1 3/4
2 1/16	10.60	31	6 3/4	3	9 3/4	4 3/4	7 1/2	2 1/2	5/8	3 3/4	1	5 11/16	4 3/8	1 3/4
2 1/8	12.30	39	7 1/2	3 1/8	10 1/4	5	8 1/8	3	5/8	4	1	5 15/16	4 1/2	1 3/4
2 1/4	14.00	46	8 1/4	3 1/2	10 3/4	5 1/4	8 1/2	3	3/4	4 1/2	1 1/8	6 1/2	4 3/4	2
2 1/2	15.70	62	9	3 3/8	11 1/4	5 3/4	8 7/8	3 1/2	3/4	4 3/4	1 1/8	7 1/16	5	2 1/4
3 1/16	20.60	80	10 1/2	4	12 1/2	6 1/2	10	4	3/4	5 1/4	1 1/4	7 11/16	5 1/2	2 1/4
3 1/8	28.20	132	12	4 5/8	14	8	11 1/2	5	7/8	6 1/4	1 3/8	9 1/16	6 1/4	2 3/4
4 1/16	43.00	185	13 1/2	5 3/8	16 1/4	8 1/2	13	5 1/2	1	7	1 1/2	10 15/16	7 1/16	3
4 1/8	58.00	250	15	5 5/8	18 1/2	9 1/2	15	6	1	7 3/4	1 5/8	11 11/16	7 7/8	3 3/4
5 1/16	83.00	320	16 1/2	6 1/4	20	11	16 3/4	6 1/2	1 1/8	8 1/16	1 5/8	13 1/8	8 5/8	4 1/8

Ring-Oiling Rigid Pillow Blocks



All oil supply reservoirs are of ample size to maintain a continuous flow of oil to the bearings for several months. The oil always returns, self-acting, to the reservoir without waste. The best quality of Babbitt is used and all bearings are carefully reamed out to standard size and faced off on ends.



List Price and Dimensions

Diam. Shaft In.	List Prices	No. of Cap Bolts	Approx. Weight in Lbs.	Dimensions—Inches									
				A	B	C	D	E	F	G	H	J	K
1 7/16	\$ 5.00	2	11.1	6	2	5 7/8	.....	2 5/8	7 1/2	3 5/8	5 1/2	1 1/2	1 5/8
1 1/2	5.80	4	12.75	6 3/4	2 1/8	6 3/8	.....	2 7/8	8	3 7/8	5 1/2	1 1/2	1 5/8
1 5/8	6.80	2	17.0	7 1/2	2 1/4	6 3/4	.....	3	8 5/8	4 1/8	5 1/8	5/8	1 5/8
2 1/16	8.20	4	19.4	8 1/4	2 1/2	7 5/8	.....	3 3/4	9 1/2	4 5/8	6 1/2	5/8	1 7/8
2 1/8	9.80	4	28.6	9	2 3/4	8	.....	4	10 1/4	5 1/4	7 1/4	3/4	2 1/8
2 1/4	12.00	4	33.2	9 7/8	3	8 3/4	.....	4 1/8	11	5 1/2	7 5/8	3/4	2 3/8
2 1/2	14.00	4	40.4	10 5/8	3	9 1/8	.....	4 1/2	11 3/4	5 3/4	8 1/8	7/8	2 1/2
3 1/16	22.00	4	62.75	12	3 1/2	10 1/2	.....	5 1/8	13 1/4	6 5/8	9 3/8	7/8	3
3 1/8	32.00	4	81.8	13 1/2	4	11 1/2	.....	6	14 1/2	7 5/8	10 3/4	7/8	3 1/4
4 1/16	42.00	4	141.8	15	4 1/2	12 1/4	4 1/2	7	15 1/2	8 1/4	11 1/2	1	3 1/2
4 1/8	54.00	4	185.8	16 1/2	5	13 5/8	4 3/4	7 3/4	17	9 1/8	12 3/4	1	3 3/4
5 1/16	66.00	4	240	18 1/4	5 1/2	15	5	8 1/2	18 1/2	9 3/4	13 1/2	1	4

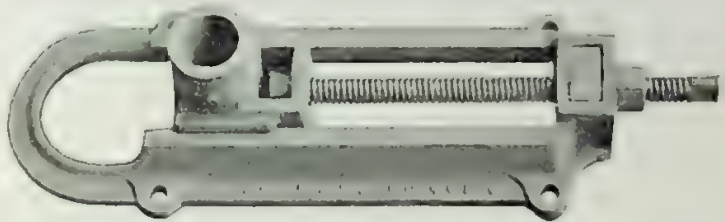
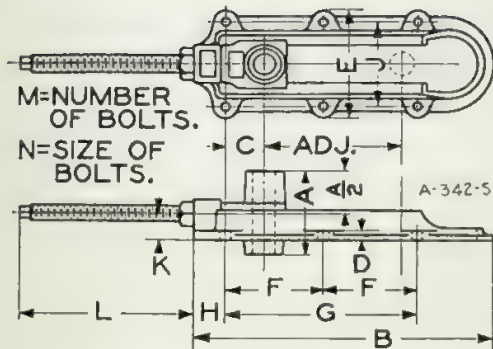
Jeffrey Take-Up Boxes

Style B

Adjustable bearings are unquestionably the simplest and best means of securing initial tension and of taking up all wear in every form of elevator and conveyor.

Take-ups are made so as to be easily applied to either wood or steel construction with bearings free for lubrication and with adjusting screws accessible.

The amount of adjustment is made consistent with shaft sizes and is sufficient to permit the removal of at least one pitch or link of chain with an extra amount for initial adjustment.



List Price and Dimensions of Style B

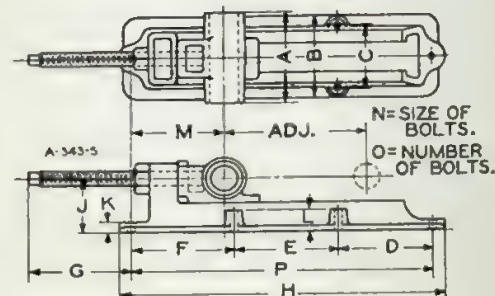
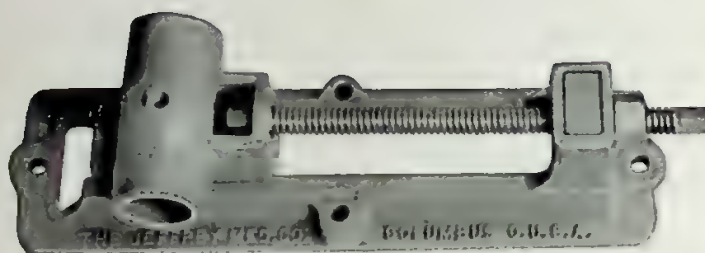
Diam. Shaft In.	* Adjust-ment In.	†List Price Without Grease Cups	Approx. Weight Lbs.	Dimensions—Inches												
				A	B	C	D	E	F	G	H	J	K	L	M	N
1 1/8	4 1/2	\$ 5.60	11	3	13	3 3/8	1/2	3 1/8	.....	11 3/4	3/8	.....	1 1/8	4 7/8	2	1/2
1 3/8	8	7.20	21	4	17 1/8	2 1/8	1/8	6 1/2	.....	10 3/4	2	5 1/8	1 3/4	12	4	1/2
1 7/8	8	8.00	22	4 1/2	17 1/8	2 1/8	1/8	6 1/2	.....	10 3/4	2	5 1/8	1 3/4	12	4	1/2
1 11/8	9 1/2	9.60	29	5 1/2	20 3/8	2 1/8	1/2	7 3/4	.....	13 1/8	2 1/8	6 1/4	1 3/4	11 5/8	4	1/2
1 11/8	19	12.60	38	5 1/2	30 3/8	2 1/8	1/2	7 3/4	11 1/4	22 1/2	2 3/8	6 1/4	1 3/4	21 1/2	6	1/2
1 11/8	9 1/2	10.40	31	6	20 3/4	2 5/8	1/2	7 3/4	.....	13 1/8	2 3/8	6 1/4	1 3/4	11 5/8	4	1/2
1 11/8	19	14.80	41	6	30 3/8	2 5/8	1/2	7 3/4	11 1/4	22 1/2	2 3/8	6 1/4	1 3/4	21 1/2	6	1/2
2 3/8	11	12.40	46	6 1/2	24 7/8	3	1/8	9 1/2	.....	15 3/4	2 5/8	7 1/4	1 3/4	14 1/8	4	5/8
2 3/8	20 1/2	15.60	58	6 1/2	34 1/4	3	1/8	9 1/2	12 1/8	24 3/8	2 5/8	7 1/4	1 3/4	23 1/8	6	5/8
2 7/8	11	13.20	48	7	24 7/8	3 1/8	1/8	9 1/2	.....	15 3/4	2 5/8	7 1/4	1 3/4	14 1/8	4	5/8
2 7/8	20	16.40	60	7	34 1/4	3 1/8	1/8	9 1/2	12 1/8	24 3/8	2 5/8	7 1/4	1 3/4	23 1/8	6	5/8
2 11/8	13 1/2	16.00	60	7 1/2	28 11/8	3	1/8	10 1/4	.....	18	3	8 3/4	2	17	4	5/8
2 11/8	18	17.60	67	7 1/2	33 11/8	3 1/4	1/8	10 1/4	11 1/8	23 1/8	2 3/4	8 3/4	2	20	6	5/8
2 11/8	25 1/2	20.00	74	7 1/2	41 1/8	3 1/4	1/8	10 1/4	15 1/4	30 1/2	2 3/4	8 3/4	2	27	6	5/8
2 11/8	13 1/2	19.20	68	8	28 11/8	3	1/8	10 1/4	.....	18	3	8 3/4	2	17	4	5/8
2 11/8	18	20.60	74	8	33 11/8	3 1/8	1/8	10 1/4	11 1/8	23 1/8	2 3/4	8 3/4	2	20	6	5/8
2 11/8	25 1/2	23.60	76	8	41 1/8	3 1/4	1/8	10 1/4	15 1/4	30 1/2	2 3/4	8 3/4	2	27	6	5/8
3 7/8	13	25.40	97	9	31 1/8	4 1/2	1/8	11 3/4	.....	20	2 7/8	9 7/8	2 1/8	20 1/4	4	3/4
3 7/8	22	29.20	117	9	39 7/8	4 3/4	1/8	11 3/4	14 1/4	28 1/2	2 5/8	9 7/8	2 1/8	27 3/4	6	3/4
3 7/8	28 1/2	32.00	122	9	47 7/8	4 3/4	1/8	11 3/4	18 1/4	36 1/2	2 5/8	9 7/8	2 1/8	31 1/4	6	3/4
3 11/8	16 1/2	35.00	140	10	36 5/8	4 11/8	1	12 1/2	.....	23 3/4	3 1/8	10 3/4	2 1/2	20	4	3/4
3 11/8	26	39.00	150	10	46 1/2	4 5/8	1 1/8	12 1/2	16 1/8	32 1/4	3 1/8	10 3/4	2 1/2	28 1/2	6	3/4
3 11/8	36 1/2	42.00	165	10	56 1/2	4 11/8	1 1/8	12 1/2	21 7/8	43 3/4	3 1/8	10 3/4	2 1/2	40	6	3/4

* Short Adjustment furnished unless otherwise specified.

† Grease Cups—Sizes up to 1 11/8" inclusive take 1 No. 0 Grease Cup; 1 11/8" takes 1 No. 1; 2 3/8" to 3 7/8" inclusive take No. 2; all larger sizes 1 No. 3 Cup. For prices of Cups, see page 180.

Jeffrey Take-Up Boxes

Style C



List Price and Dimensions of Style C

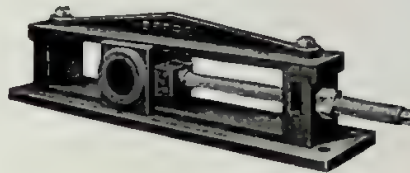
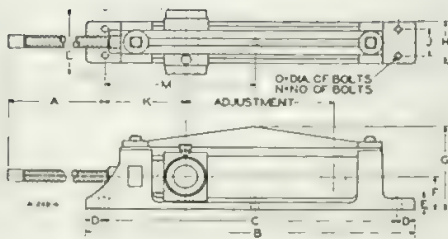
Diam. Shaft In.	* Adjust- ment In.	†List Price Without Grease Cups	Approx. Weight Lbs.	Dimensions—Inches															
				A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	
$\frac{1}{16}$	4½	\$ 5.90	12	3	3½					5⅝	13	2½	½		3⅞	½	2	11¾	
1⅛	7	7.60	22	4	4¾	3½	8⅞		8⅞	8	17¾	3⅛	⅞	1¾	5	½	4	16⅝	
1⅜	7	8.40	24	4½	4¾	3½	8⅞		8⅞	8	17¾	3⅛	⅞	1¾	5⅛	½	4	16⅝	
1⅝	9	10.10	31	5½	5½	4¼	9⅝		9⅝	10⅝	21⅛	3½	⅞	1⅞	6	½	4	19¼	
1⅞	17	13.20	40	5½	5½	4¼	13⅞		13⅞	20⅝	29¼	3½	⅞	1⅞	6	½	4	27¾	
1⅞	9	10.90	33	6	5½	4¼	9⅝		9⅝	10⅝	21⅛	3½	⅞	1⅞	6	½	4	19¼	
1¾	17	15.60	42	6	5½	4¼	13⅞		13⅞	20⅝	29¼	3½	⅞	1⅞	6	½	4	27¾	
2⅛	11	13.00	48	6½	6⅞	4¾	11⅛		11⅛	13⅞	24¼	4	⅞	1½	6⅞	⅝	4	22¼	
2⅜	20	16.40	60	6½	6⅞	4¾	15⅝		15⅝	22⅞	33¼	4	⅞	1½	6⅞	⅝	4	31¼	
2⅞	10½	13.90	50	7	6⅞	4¾	11⅛		11⅛	13⅞	24¼	4	⅞	1½	6⅞	⅝	4	22¼	
2⅞	19½	17.20	60	7	6⅞	4¾	15⅝		15⅝	22⅞	33¼	4	⅞	1½	6⅞	⅝	4	31¼	
2⅞	13	16.80	65	7½	6⅞	5⅛	12⅝		12⅝	16	27	4½	⅞	1⅝	7⅞	⅝	4	25¼	
2⅞	20½	19.50	75	7½	6⅞	5⅛	11	11	11	21⅝	34¾	4½	⅞	1⅝	7⅝	⅝	6	33	
2⅞	24½	21.00	80	7½	6⅞	5⅛	10½	16	10¾	25⅝	39	4½	⅞	1⅝	7⅝	⅝	6	37¼	
2⅞	12½	20.20	72	8	6⅞	5⅛	12⅝		12⅝	15⅞	27	4½	⅞	1⅝	7⅞	⅝	4	25¼	
2⅞	20	23.10	80	8	6⅞	5⅛	11	11	11	21¼	34¾	4½	⅞	1⅝	7⅞	⅝	6	33	
2⅞	24	24.80	85	8	6⅞	5⅛	10½	16	10¾	25¼	39	4½	⅞	1⅝	7⅝	⅝	6	37¼	
3⅛	14	26.70	100	9	7⅞	5⅞	14⅞		14⅞	19	30⅝	5⅞	⅝	1¾	8⅞	¾	4	28⅝	
3⅜	22	30.70	117	9	7⅞	5⅞	18⅞		18⅞	30	38⅝	5⅞	⅝	1¾	8⅞	¾	4	36⅝	
3⅜	30	33.60	128	9	7⅞	5⅞	22⅞		22⅞	39	47⅛	5⅞	⅝	1¾	8⅞	¾	4	45⅝	
3⅞	15	36.80	145	10	8⅞	6½	15½		15½	18⅝	33½	5¾	¾	1⅞	9⅝	¾	4	31	
3⅞	26	41.00	155	10	8⅞	6½	21⅞		21⅞	29⅝	44⅞	5¾	¾	1⅞	9⅝	¾	4	42⅝	
3⅞	35½	44.20	180	10	8⅞	6½	13	24¼	15	38⅝	54¾	5¾	¾	1⅞	9⅝	¾	6	52¼	

* Short Adjustment furnished unless otherwise specified.

† Grease Cups—Sizes up to 1 1/16" inclusive take 1 No. 0 Grease Cup; 1 1/8" takes 1 No. 1; 2 1/16" to 3 1/16" inclusive 1 No. 2; all larger sizes 1 No. 3 Cup. For Prices of Cups, see page 180.

Jeffrey Take-Up Boxes

Style D



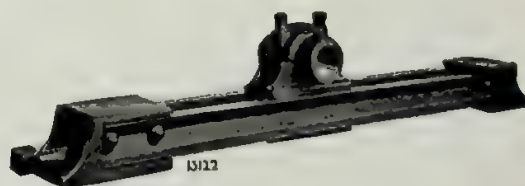
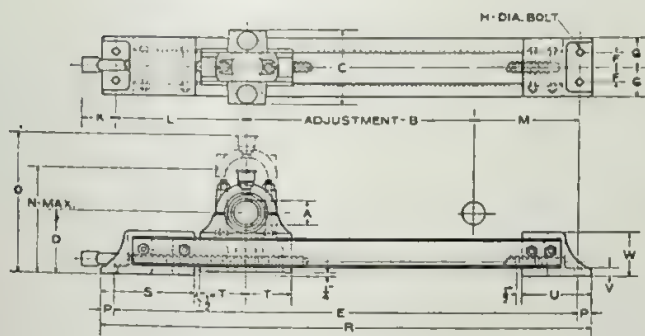
List Prices and Dimensions of Style D

Diam. Shaft In.	Adjust- ment In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches															
				A	B	C	D	E	F	G	H	J	K	L	M	N	O		
1 1/8	11 3/4	\$15.00	45	14	23 1/4	21 1/4	1	3/4	2 3/8	6 1/4	3 1/2	0	5 7/8	4			2	5/8	
1 1/8	11 3/4	15.00	48	14	23 1/4	21 1/4	1	3/4	2 3/8	6 1/4	3 1/2	0	5 7/8	5			2	5/8	
1 1/8	12	19.00	78	13 1/4	26 3/4	23 3/4	1 1/2	1	2 3/8	7 1/8	3 1/2	0	6 1/2	5 1/2			2	3/4	
1 1/8	18	21.00	90	20 3/4	32 3/4	29 3/4	1 1/2	1	2 3/8	7 1/8	3 1/2	0	6 1/2	5 1/2			2	3/4	
2 1/8	14	24.50	95	15 3/4	28 1/8	25 1/8	1 1/2	1	2 1/8	7 3/8	4	0	6 5/8	6			2	5/8	
2 1/8	20	26.50	103	20 3/4	34 1/8	31 1/8	1 1/2	1	2 1/8	7 3/8	4	0	6 5/8	6			2	5/8	
2 1/8	11	24.00	90	12 5/8	27 1/2	24 1/2	1 1/2	1	3 1/8	8 1/4	4	0	7 1/8	6 1/2			2	3/4	
2 1/8	15	25.00	100	15 3/4	30 3/8	27 3/8	1 1/2	1	3 1/8	8 1/4	4	0	7 1/8	6 1/2			2	3/4	
2 1/8	20	27.00	110	20 3/4	35 3/8	32 3/8	1 1/2	1	3 1/8	8 1/4	4	0	7 1/8	6 1/2			2	3/4	
2 1/8	11	38.40	162	12 1/4	26 1/4	24 1/4	1	7/8	4	9 7/8	6	4	8 1/8	7 1/2			4	5/8	
2 1/8	22 3/4	48.00	214	24 1/4	39	37	1	7/8	4	10 1/8	6	4	8 1/8	7 1/2			4	5/8	
2 1/8	10 1/2	38.40	178	12 1/4	26 1/4	24 1/4	1	7/8	4	9 7/8	6	4	8 1/8	8			4	5/8	
2 1/8	22 1/4	48.00	228	24 1/4	39	37	1	7/8	4	10 1/8	6	4	8 1/8	8			4	5/8	
3 1/8	15 1/4	58.00	255	16 3/4	34 3/4	31 3/4	1 1/2	2	5 3/8	11 1/8	6	3 3/4	9 7/8	9 1/2			4	7/8	
3 1/8	29 3/4	70.00	353	31	50 3/4	47 3/4	1 1/2	2 1/8	5 3/8	12 1/8	6	3 3/4	10 5/8	9 1/2	24 3/4		5	7/8	
3 1/8	15 1/4	61.40	290	16 1/8	35 3/4	32 3/4	1 1/2	2	5 1/8	11 7/8	6	3	10 3/4	10			4	3/4	
3 1/8	35 3/4	90.00	475	36 1/4	58 1/4	55 1/4	1 1/2	2 1/4	5 1/8	13	6	3 3/4	11 3/8	10	28 1/2		5	7/8	
4 1/8	12 1/4	88.00	425	12 1/2	37	33 1/2	1 3/4	2 1/2	6 1/8	13 7/8	7	4	13	10 1/2			4	1	
4 1/8	24 1/4	100.00	500	24 1/2	49	45 1/2	1 3/4	2 1/2	6 1/8	13 7/8	7	4	13	10 1/2			4	1	
4 1/8	23 3/4	145.00	750	24 1/2	53	48	2 1/2	2 1/8	6 1/8	14 3/8	9	5	14 1/2	12			4	7/8	
4 1/8	37 5/8	170.00	890	38 1/4	66 7/8	61 7/8	2 1/2	3	6 1/8	15 7/8	9	5	14 1/2	12	32 1/8		5	1 1/4	

*Short Adjustment furnished unless otherwise specified.

Style "DD" Ball and Socket Take-Ups

With Grease Oiling Bearing



Style "DD" or Channel Iron Take-Up adapted to Long Belt Conveyors

Style DD Ball and Socket Type makes practically impossible the binding of the shaft by uneven alignment or unequal adjustment of a pair of the Take-ups.

List Prices and Dimensions of Style DD

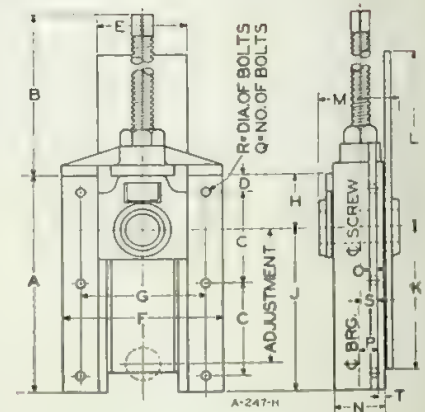
Size Shaft In.	* Stand- ard Adj.	List Price Each Stand- ard Adj.	Additional Price Extra foot of Adj.	Approx. Weight Com- plete Lbs.	C	D	E	F	G	H	K	L	M	N	O	P	R	S	T	U	V	W	Pipe Tap for Grease Cup
2 1/8	24"	\$76.00	\$2.00	160	7 1/2	6 1/2	47 1/2	1 1/2	3	5 3/8	3 1/2	12 7/8	10 7/8	10 1/4	14 1/4	1 3/8	50 1/2	9 1/4	4 1/2	7 1/4	3 1/4	4 1/2	1 1/4
2 1/8	30"	98.00	2.40	250	9	8 1/2	59 5/8	1 1/2	3 5/8	7 3/8	4 1/2	15 7/8	13 1/2	13 1/2	17 1/2	1 3/8	63 1/2	11 1/8	5 1/2	9 1/2	3 3/4	5 1/2	3 3/8
3	36"	106.00	2.40	280	10	9 1/2	65 5/8	1 1/2	3 5/8	7 3/8	4 1/2	15 7/8	13 1/2	14 1/8	18 1/8	1 3/8	69 1/2	11 1/8	5 1/2	9 1/2	3 3/4	5 1/2	3 3/8
3 1/8	36"	142.00	3.60	460	12	12	68 1/8	2 1/2	5	7 3/8	4 5/8	17 3/8	15	17 1/8	23 1/8	1 3/8	71 1/8	11 1/8	6 1/4	9 1/2	1	8 1/4	1 1/2
4	36"	176.00	4.00	600	13 1/2	12 1/2	68 5/8	2 1/2	5	7 3/8	4 5/8	17 3/8	15 1/4	18 1/4	24 1/4	1 3/8	72 1/8	11 1/8	7	9 1/2	1	8 1/4	1 1/2
4 1/8	36"	192.00	4.00	660	15	12 1/2	69 5/8	2 1/2	5	7 3/8	4 5/8	17 3/8	15 1/4	19 1/4	26	1 3/8	73 1/8	11 1/8	7 1/2	9 1/2	1	8 1/4	1 1/2

*The Adjustments "B" in table are standard, but may be increased to suit requirements.

Jeffrey Take-Up Boxes

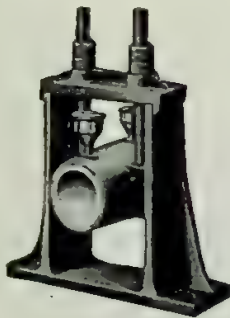


Style A
For Elevator Boots



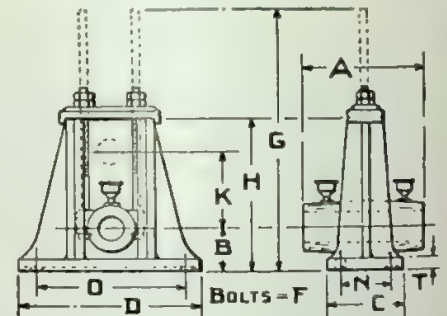
List Price and Dimensions of Style A

Kind of Boot	Diam. Shaft In.	Adjustment In.	List Price	Approx. Weight Lbs.	Dimensions—Inches																			
					A	B	C	D	E	F	G	H	J	K	L	M	N	O	P	Q	R	S	T	
For Wood Boot	1 ¹ / ₁₆	5	\$20.00	39	9 ³ / ₄	10 ⁵ / ₁₆	3 ⁷ / ₈	1	3 ³ / ₄	8 ¹ / ₂	6 ³ / ₁₆	3 ⁵ / ₁₆	7 ¹ / ₁₆	6 ¹ / ₁₆	7 ¹ / ₁₆	4 ¹ / ₄	3 ¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ¹ / ₁₆	7 ¹ / ₂	22.60	47	13	13 ³ / ₈	5 ¹ / ₂	1	5	9	7	3 ³ / ₈	9 ⁵ / ₈	8 ¹ / ₂	10 ¹ / ₂	5	3 ¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ³ / ₁₆	5	23.00	49	10 ³ / ₈	10 ³ / ₈	4 ¹ / ₄	1	4 ⁷ / ₈	9	7	3 ¹ / ₁₆	6 ¹ / ₁₆	7 ¹ / ₂	8 ¹ / ₂	5	2 ¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ⁷ / ₁₆	9	26.00	58	14 ¹ / ₂	13 ³ / ₈	6	1 ¹ / ₄	5	9	7	3 ¹ / ₂	11	10 ³ / ₈	12 ⁵ / ₈	5	3 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ¹¹ / ₁₆	11	27.00	65	16 ¹ / ₂	16 ³ / ₈	7	1 ¹ / ₄	5	9	7	3 ¹ / ₂	13	11 ³ / ₈	13 ⁵ / ₈	5	3 ¹ / ₄	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ¹³ / ₁₆	12	34.00	86	18	16 ¹ / ₄	7 ¹ / ₂	1 ¹ / ₂	5 ¹ / ₂	10	7 ³ / ₄	3 ⁷ / ₈	14 ¹ / ₈	14 ¹ / ₈	16 ¹ / ₂	6	3 ⁵ / ₈	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ⁵ / ₈	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
For Steel Boot	1 ¹ / ₁₆	6	18.00	34	10 ¹ / ₂	10 ³ / ₈	4 ¹ / ₄	1	4 ¹ / ₄	7 ³ / ₄	6	2 ⁵ / ₈	7 ⁷ / ₈	7 ⁷ / ₈	9	4 ¹ / ₄	2 ³ / ₄	1	1	6 ³ / ₈	1	1	1	1
	1 ¹ / ₈	6	21.00	38	10 ¹ / ₂	10 ³ / ₄	4 ¹ / ₄	1	4 ¹ / ₄	7 ³ / ₄	6	2 ³ / ₄	7 ³ / ₄	7 ³ / ₄	8 ³ / ₄	4 ¹ / ₄	2 ³ / ₄	1	1	6 ³ / ₈	1	1	1	1
	1 ¹ / ₄	8	22.60	58	13	13 ³ / ₈	5 ¹ / ₂	1	5	9	7	3 ¹ / ₄	9 ³ / ₄	8 ¹ / ₂	10 ¹ / ₂	5	3 ¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂
	2 ³ / ₁₆	7 ¹ / ₂	24.00	58	13	13 ³ / ₈	5 ¹ / ₂	3 ⁴ / ₅	5	9	7	3 ⁵ / ₈	9 ⁵ / ₈	10	11	6 ⁵ / ₈	4 ¹¹ / ₁₆	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₂
	2 ⁷ / ₁₆	9	28.00	75	14 ¹ / ₂	13 ¹ / ₂	6	1 ¹ / ₄	5	9	7	3 ¹ / ₂	11	10 ¹ / ₈	12 ⁵ / ₈	6 ³ / ₄	5	1 ¹ / ₂	2	1 ¹ / ₂	6 ¹ / ₂	2	1 ¹ / ₂	1 ¹ / ₂	1^{1}/_{2}
	2 ¹¹ / ₁₆	12	34.00	85	18	16 ¹ / ₄	7 ¹ / ₂	1 ¹ / ₂	5 ¹ / ₂	10	7 ³ / ₄	3 ⁷ / ₈	14 ¹ / ₈	14 ¹ / ₈	16 ¹ / ₂	6	3 ⁵ / ₈	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂	6 ⁵ / ₈	1 ¹ / ₂	1 ¹ / ₂	1 ¹ / ₂



Style G Take-Up

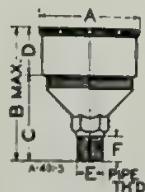
The Style G is a head take-up designed for heavy duty such as is required in very large or high elevators.



List Prices and Dimensions of Style G

Diam. Shaft Inches	K Adj.	List Price	Approx. Weight in Lbs.	Dimensions—Inches									
				A	B	C	D	F	G	H	N	O	T
1 1/16	7 1/4	\$24.00	74	6 1/4	3	5 1/2	16	3/4	22 1/2	12 1/4	3	13 1/2	1
2 1/16	6 1/2	30.00	84	8 1/4	3 5/8	5 1/2	16	3/4	21 3/4	12 1/4	3	13 1/2	1
2 1/8	8 1/8	38.00	184	9 1/4	3 11/16	6 1/2	18 1/2	3/4	26 7/8	15 1/8	3 3/4	14 1/4	1 1/8
3 1/16	8	50.00	198	10 3/4	4 1/8	6 1/2	18 1/2	3/4	26 1/4	15 1/8	3 3/4	14 1/4	1 1/8
3 1/8	11 3/4	64.00	232	12 1/2	4 1/2	7 1/2	21	7/8	35	19 5/8	4	16 1/2	1 1/8

Pressed Steel Compression Grease Cups



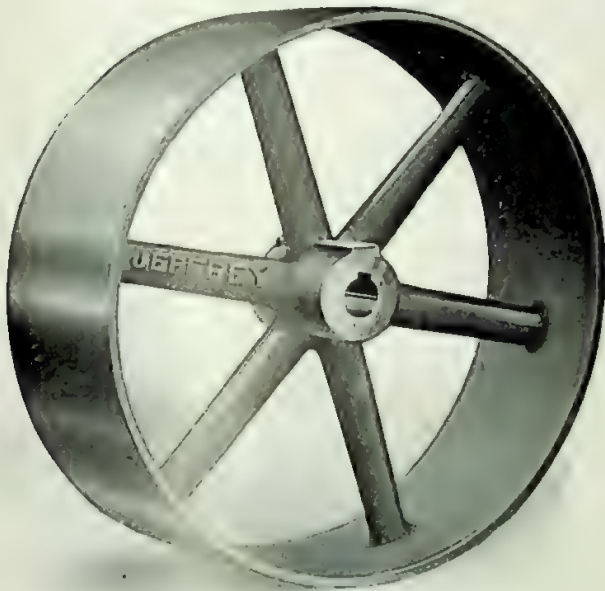
Size	List Price Each	Dimensions—Inches						Capacity Ounces
		A	B	C	D	E	F	
000	\$0.12	1 1/8	1 1/2	1 1/8	3/8	1/8	3/8	1/4
00	.14	1 1/4	2	1 1/4	3/4	1/8	1/2	1/2
0	.18	1 1/2	2 3/8	1 1/2	7/8	1/4	1 1/2	3/4
1	.22	1 3/4	2 3/4	1 3/4	1	1/4	1 1/2	1
2	.30	2 1/4	3 1/8	2	1 1/8	3/8	1 1/2	2
3	.44	2 3/4	3 1/2	2 1/4	1 1/4	1/2	1 1/2	3 1/2
4	.60	3 1/4	3 3/4	2 3/8	1 3/8	1/2	1 1/2	5

Jeffrey Cast Iron Pulleys

Solid or Split

Machine Moulded, Turned, Balanced, Bored, Keyseated and Set Screwed

THESE pulleys, while embodying all the qualities of machining as noted above, are designed not only along theoretical lines to meet the strains of driving, but are also designed along those practical lines which long experience has dictated for rough and exact service.



Single Arm Pulley



Double Arm Pulley

Price Lists include both key-seat and set-screws. Keyseat will be our standard, see page 124. If other than our standard size of keyseat is wanted, give width and depth. Solid Pulleys which have keyseats and no set screws should have taper keys. Taper keyseats will be cut with $\frac{1}{8}$ inch taper per foot, unless otherwise specified.

Split Pulleys should always have straight keys and set screws.

Crown Face furnished unless otherwise specified.

Balancing for rim speeds above 2500, but under 5000 feet per minute, at a small extra charge, where balancing for such speeds is specified.

Special Hub Lengths to be specified relative to center line of pulley.

Intermediate diameter pulleys (not fractional) take the price of the next larger list.

Prices for special and flywheel pulleys furnished upon application.

Prices for Tight and Loose Pulleys, see page 186.

For Conveyor Pulleys, see page 186.

Jeffrey Pulleys

Regular Bore Limits for Plain Pulleys

Pulley Diam., In.	6 to 9	10 to 15	16 to 20	21 to 30	31 to 42	43 to 48	50 to 60
Max. Standard Bore.....	$1\frac{1}{16}$	$2\frac{1}{16}$	$2\frac{1}{8}$	$3\frac{1}{16}$	$3\frac{1}{8}$	$4\frac{1}{16}$	$4\frac{1}{2}$

Prices for Larger than Standard Bores given in Price List

Largest Standard Bore for Prices Listed		Percentage of Increase in Price for Bores Larger than Standard
Diameter of Pulley Inches	Bore Inches	
6 to 9	$1\frac{1}{16}$	Add 10% for each $\frac{1}{4}$ " larger bore or fraction thereof
10 to 15	$2\frac{1}{16}$	Add 10% " " $\frac{1}{4}$ " " " " " "
16 to 20	$2\frac{1}{8}$	Add 10% " " $\frac{1}{2}$ " " " " " "
21 to 30	$3\frac{1}{16}$	Add 10% " " $\frac{1}{2}$ " " " " " "
31 to 42	$3\frac{1}{8}$	Add 5% " " $\frac{1}{2}$ " " " " " "
43 to 48	$4\frac{1}{16}$	Add 5% " " $\frac{1}{2}$ " " " " " "
50 to 60	$4\frac{1}{2}$	Add 5% " " $\frac{1}{2}$ " " " " " "

Standard Hubs for Jeffrey Pulleys

For Pulleys under 10" face, use hubs for Sprockets listed on page 124.
Diameter of Hubs are the standard listed on page 124.

Diam. Pulley In.	Face of Pulley—Inches								Diam. Pulley In.	Face of Pulley—Inches							
	10	12	14	16	18	20	22	24		10	12	14	16	18	20	22	24
	Length of Hub—Inches									Length of Hub—Inches							
6	5								24	6	7	8	8	9	10		
7	5								26	6	7	8	8	9	10		
8	5	6							28	6	7	8	9	9	10		
9	5	6							30	6	7	8	9	9	10	11	
10	5	6							32	6	7	8	9	10	10	11	
11	5	6							34	7	7	8	9	10	11	11	
12	5	6	7						36	7	7	8	9	10	11	11	
13	5	6	7						38	7	8	8	9	10	11	12	12
14	5	6	7						40	7	8	8	9	10	11	12	12
15	5	6	7						42	7	8	9	9	10	11	12	13
16	5	6	7	8					44	7	8	9	10	10	11	12	13
17	6	6	7	8					48	7	8	9	10	11	11	12	13
18	6	6	7	8					50	7	8	9	10	11	11	12	13
19	6	6	7	8	9				52	8	8	9	10	11	12	12	13
20	6	6	7	8	9				54	8	9	9	10	11	12	13	13
21	6	7	7	8	9				56	8	9	9	10	11	12	13	13
22	6	7	7	8	9				58	8	9	10	10	11	12	13	14
23	6	7	7	8	9	10			60	8	9	10	10	11	12	13	14

Jeffrey Solid Single Arm Pulleys

List Price of Double Belt Pulleys—Single Arm SOLID

Diam. Pulley In.	Face of Pulley—Inches															Max. Bore at Price Listed Inches
	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	
6	\$5.20	\$5.60	\$6.10	\$6.60	\$7.10	\$7.60	\$8.10									1 $\frac{1}{8}$
7	5.70	6.10	6.60	7.10	7.60	8.10	8.70									
8	6.20	6.70	7.20	7.60	8.10	8.70	9.20	\$9.70	\$10.20							
9	6.70	7.20	7.80	8.30	8.80	9.40	10.00	10.50	11.10							
10	7.30	7.90	8.50	9.00	9.50	10.20	10.90	11.50	12.00							2 $\frac{1}{8}$
11	7.90	8.60	9.20	9.70	10.30	11.00	11.70	12.20	12.80							
12	8.50	9.50	10.00	10.50	11.00	12.00	12.50	13.00	13.50							
13	9.30	10.00	10.80	11.50	12.00	12.80	13.50	14.30	15.00							
14	10.00	10.50	11.50	12.50	13.00	13.50	14.50	15.50	16.50	\$18.00						
15	10.50	11.30	12.30	13.30	14.00	14.80	15.80	16.80	17.80	19.50						
16	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	21.00	\$22.50					2 $\frac{1}{2}$
17	11.50	12.80	13.80	14.80	16.00	17.00	18.00	19.30	20.30	22.50	24.50					
18	12.00	13.50	14.50	15.50	17.00	18.00	19.00	20.50	21.50	24.00	26.50	\$28.50				
19	12.80	14.00	15.30	16.50	18.00	19.00	20.30	21.80	22.80	25.50	28.00	30.50				
20	13.50	14.50	16.00	17.50	19.00	20.00	21.50	23.00	24.00	27.00	29.50	32.50	\$35.00			
21	14.00	15.30	16.80	18.30	19.80	21.30	22.80	24.30	25.50	28.50	31.30	34.30	37.30			3 $\frac{1}{8}$
22	14.50	16.00	17.50	19.00	20.50	22.50	24.00	25.50	27.00	30.00	33.00	36.00	39.50			
23	15.00	16.80	18.30	20.00	21.50	23.50	25.00	26.80	28.30	31.50	34.80	38.00	41.50			
24	15.50	17.50	19.00	21.00	22.50	24.50	26.00	28.00	29.50	33.00	36.50	40.00	43.50			
26	17.00	19.00	20.50	22.50	24.50	26.50	28.50	30.50	32.50	36.00	40.00	44.00	47.50			
28	18.00	20.00	22.00	24.50	26.50	28.50	30.50	33.00	35.00	39.00	43.50	47.50	52.00			
30	19.00	21.50	24.00	26.00	28.50	30.50	33.00	35.50	37.50	42.00	47.00	51.50	56.00			
32	20.50	22.50	25.50	28.00	30.50	32.50	35.50	37.50	40.00	45.00	50.00	55.00	60.00			3 $\frac{1}{2}$
34	21.50	24.00	27.00	29.50	32.50	35.00	37.50	40.00	43.00	48.00	53.50	59.00	64.00			
36	22.50	25.50	28.50	31.00	34.00	37.00	40.00	42.50	45.50	51.50	57.00	63.00	68.50	\$74.00		
38	24.00	27.00	30.00	33.00	36.00	39.00	42.00	45.00	48.00	54.50	60.50	66.50	72.50	79.00		
40	25.00	28.00	31.50	34.50	38.00	41.00	44.50	47.50	51.00	57.50	64.00	70.50	77.00	83.50		
42	26.00	29.50	33.00	36.50	40.00	43.50	46.50	50.00	53.50	60.50	67.50	74.00	81.00	88.00		
44	27.50	31.00	34.50	38.00	42.00	45.50	49.00	52.50	56.50	63.50	70.50	78.00	85.00	92.50		4 $\frac{1}{8}$
46	28.50	32.00	36.00	40.00	43.50	47.50	51.50	55.00	59.00	66.50	74.00	81.50	89.50	97.00		
48	30.00	33.50	37.50	41.50	45.00	49.00	53.00	57.00	60.50	68.50	76.50	84.50	93.00	101.00	109.50	
50	32.00	36.00	40.00	44.00	48.00	52.00	56.00	60.00	64.50	73.00	81.50	90.00	98.50	107.50	117.00	4 $\frac{1}{2}$
52		38.50	42.50	47.00	51.00	55.50	60.00	64.00	68.50	77.50	86.50	95.50	105.00	114.00	123.50	
54		41.00	45.50	50.00	54.50	59.00	63.50	68.00	73.00	82.00	91.50	101.50	110.00	121.00	131.00	
56		43.50	48.00	53.00	57.50	62.50	67.50	72.50	77.00	87.00	97.00	107.50	117.50	128.00	138.50	
58		46.00	51.00	56.00	61.00	66.50	71.50	76.50	81.50	92.00	103.00	113.50	124.50	135.50	146.50	
60			54.00	59.50	64.50	70.00	75.50	80.50	86.00	97.00	108.50	120.00	131.50	143.50	155.50	

Jeffrey Split Single Arm Pulleys

List Price of Double Belt Pulleys—Single Arm Split

Dia. Pul- ley In.	Face of Pulley—Inches															Max. Bore at Price Listed In.
	4	5	6	7	8	9	10	11	12	14	16	18	20	22	24	
6	\$7.60	\$8.10	\$8.70	\$9.30	\$9.90	\$10.50	\$11.10									1 $\frac{1}{16}$
7	8.20	8.70	9.30	9.90	10.50	11.10	11.80									
8	8.80	9.40	10.00	10.50	11.10	11.80	12.40	\$13.00	\$13.60							
9	9.40	10.00	10.70	11.30	11.90	12.60	13.30	13.90	14.60							
10	10.10	10.80	11.50	12.10	12.70	13.50	14.30	15.00	15.60							2 $\frac{1}{16}$
11	10.90	11.70	12.40	13.00	13.70	14.50	15.30	15.90	16.60							
12	11.60	12.70	13.30	13.90	14.50	15.60	16.20	16.80	17.40							
13	12.50	13.30	14.20	15.00	15.60	16.50	17.30	18.20	19.00							
14	13.50	14.00	15.00	16.00	17.00	17.50	18.50	19.50	20.50	\$22.00						
15	14.00	15.00	16.00	17.00	18.00	18.80	20.00	21.00	22.00	24.00						
16	14.50	16.00	17.00	18.00	19.00	20.00	21.50	22.50	23.50	26.00	\$28.00					2 $\frac{1}{8}$
17	15.30	16.80	18.00	19.00	20.50	21.50	22.80	24.00	25.30	27.80	30.00					
18	16.00	17.50	19.00	20.00	22.00	23.00	24.00	25.50	27.00	29.50	32.00	\$34.50				
19	16.80	18.30	19.80	21.00	23.00	24.30	25.50	27.00	28.50	31.30	34.30	37.00				
20	17.50	19.00	20.50	22.00	24.00	25.50	27.00	28.50	30.00	33.00	36.50	39.50	\$42.50			
21	18.30	19.80	21.50	23.30	25.00	26.80	28.30	30.00	31.50	35.00	38.50	41.80	45.00			3 $\frac{1}{16}$
22	19.00	20.50	22.50	24.50	26.00	28.00	29.50	31.50	33.00	37.00	40.50	44.00	47.50			
23	19.80	21.50	23.50	25.50	27.30	29.30	31.00	33.00	34.80	38.80	42.50	46.30	50.00			
24	20.50	22.50	24.50	26.50	28.50	30.50	32.50	34.50	36.50	40.50	44.50	48.50	52.50			
26	22.00	24.00	26.50	28.50	31.00	33.00	35.00	37.50	39.50	44.00	48.50	53.00	57.50			
28	23.50	25.50	28.00	30.50	33.00	35.00	38.00	40.50	43.00	48.00	53.00	58.00	63.00			
30	24.50	27.50	30.00	32.50	35.50	38.00	41.00	43.50	46.00	51.50	57.00	62.50	67.50			
32	26.00	29.00	32.00	35.00	38.00	40.50	43.50	46.50	49.50	55.50	61.50	67.00	73.00			3 $\frac{1}{8}$
34	27.50	30.50	34.00	37.00	40.00	43.50	46.50	49.50	53.00	59.00	65.50	72.00	78.00			
36	29.00	32.50	35.50	39.00	42.50	46.00	49.00	52.50	56.00	63.00	69.50	76.50	83.50	\$90.00		
38	30.50	34.00	37.50	41.00	45.00	48.50	52.00	55.50	59.50	66.50	74.00	81.00	88.50	95.50		
40	32.00	35.50	39.50	43.50	47.00	51.00	55.00	58.50	62.50	70.00	78.00	85.50	93.50	101.00		
42	33.00	37.50	41.50	45.50	49.50	53.50	57.50	62.00	66.00	74.00	82.00	90.50	98.50	106.50		
44	34.50	39.00	43.00	47.50	52.00	56.00	60.50	65.00	69.00	78.00	86.50	95.00	103.50	112.50		4 $\frac{1}{16}$
46	36.00	40.50	45.00	49.50	54.50	59.00	63.50	68.00	72.50	81.50	90.50	99.50	109.00	118.00		
48	37.50	43.00	46.50	52.00	56.00	61.00	66.00	70.50	74.50	83.50	93.50	103.50	113.00	123.00	\$133.00	
50	40.00	45.50	49.50	55.00	59.50	65.00	69.00	74.50	79.00	88.50	99.00	109.50	120.00	133.00	141.50	4 $\frac{1}{8}$
52		48.50	53.00	59.00	63.00	69.00	73.50	79.50	84.00	94.00	105.00	116.00	127.00	138.00	149.50	
54		51.50	56.00	62.50	67.00	73.00	78.00	84.00	89.00	99.50	111.00	122.50	134.50	146.00	158.00	
56		55.00	59.50	66.00	71.00	77.50	82.50	89.00	94.00	105.50	117.50	129.50	142.00	154.50	166.50	
58		58.00	63.00	70.00	75.00	82.00	87.00	94.00	99.50	115.50	124.00	137.00	149.50	162.50	176.00	
60			67.00	74.00	79.00	86.50	91.50	99.00	104.50	117.00	130.50	144.00	157.50	171.50	185.50	

Jeffrey Single Arm Pulleys

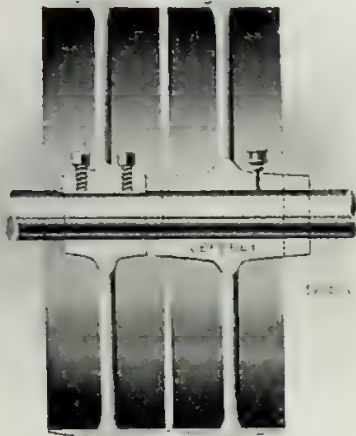
Weights of Double Belt Single Arm Solid and Split Iron Pulleys

Diam. in Inches	Max. Standard Bore	Face in Inches—Weight, Lbs.																					
		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
6	1 $\frac{1}{8}$	13	15	17	20	23	26	29	32														
7	1 $\frac{1}{8}$	15	17	20	23	26	29	32	35														
8	1 $\frac{1}{8}$	17	20	23	26	29	32	36	40	44	48												
9	1 $\frac{1}{8}$	18	22	25	29	32	36	40	45	49	54												
10	2 $\frac{1}{8}$	20	24	28	32	36	40	45	50	55	60												
11	2 $\frac{1}{8}$	22	27	31	35	40	44	50	55	61	66												
12	2 $\frac{1}{8}$	24	29	34	39	44	49	55	61	67	72	78	84										
13	2 $\frac{1}{8}$	27	32	37	43	48	54	60	67	73	79	85	92										
14	2 $\frac{1}{8}$	29	35	41	47	53	59	66	73	79	86	93	100										
15	2 $\frac{1}{8}$	31	38	44	51	57	64	72	79	86	94	101	109										
16	2 $\frac{1}{8}$	34	41	48	56	62	70	78	86	94	102	110	118	126	134								
17	2 $\frac{1}{8}$	37	44	52	59	68	76	84	93	101	110	118	127	135	144								
18	2 $\frac{1}{8}$	40	48	56	64	73	82	91	100	109	118	127	136	145	155								
19	2 $\frac{1}{8}$	43	52	61	70	79	88	98	108	118	128	138	148	158	169	179	190						
20	2 $\frac{1}{8}$	46	56	66	76	86	95	106	117	128	139	150	161	172	183	194	205						
21	3 $\frac{1}{8}$	49	60	70	81	91	102	113	124	135	146	157	168	180	191	203	214						
22	3 $\frac{1}{8}$	53	64	75	86	97	109	120	131	142	153	164	176	188	200	212	224						
23	3 $\frac{1}{8}$	56	68	80	92	104	116	128	140	152	164	176	189	201	214	227	240						
24	3 $\frac{1}{8}$	60	73	86	99	112	124	137	150	163	176	189	202	215	228	242	256	270	284				
26	3 $\frac{1}{8}$	68	82	96	110	125	140	155	170	185	200	215	230	246	262	278	294	310	326				
28	3 $\frac{1}{8}$	76	92	108	124	140	157	174	191	208	225	242	259	276	294	312	330	348	366				
30	3 $\frac{1}{8}$	85	103	121	139	157	175	193	211	229	247	265	283	302	321	340	359	378	397	416	435		
32	3 $\frac{1}{8}$	94	114	134	154	174	194	214	234	254	274	294	314	335	356	377	398	419	440	461	482		
34	3 $\frac{1}{8}$	104	126	148	170	192	214	236	258	280	302	324	346	369	392	415	438	461	484	507	530		
36	3 $\frac{1}{8}$	115	138	162	186	210	234	258	282	306	330	354	378	403	428	453	478	503	528	553	578		
38	3 $\frac{1}{8}$		152	177	203	229	255	281	307	333	359	385	411	438	465	492	519	546	573	600	627	654	681
40	3 $\frac{1}{8}$		167	194	221	249	277	305	333	361	389	417	445	473	502	531	560	589	618	647	676	705	734
42	3 $\frac{1}{8}$		183	212	241	270	300	330	360	390	420	450	480	510	540	571	602	633	664	695	726	757	788
44	4 $\frac{1}{8}$		199	230	261	292	324	356	388	420	452	484	516	549	582	615	648	681	714	747	780	813	846
46	4 $\frac{1}{8}$		216	249	282	315	349	383	417	451	486	521	556	591	626	661	696	731	767	803	839	875	911
48	4 $\frac{1}{8}$		235	270	305	340	375	411	447	483	519	555	592	629	666	703	740	778	816	854	892	930	969
50	4 $\frac{1}{8}$		254	291	328	365	402	440	478	516	554	592	631	670	709	748	787	827	867	907	947	987	1027
52	4 $\frac{1}{8}$		273	312	351	390	430	470	510	550	590	631	672	713	754	795	837	879	921	963	1005	1045	1087
54	4 $\frac{1}{8}$		292	333	375	417	459	501	543	585	627	670	713	756	799	842	885	929	973	1017	1061	1105	1149
56	4 $\frac{1}{8}$		313	357	401	445	489	534	579	624	669	714	759	804	842	894	939	984	1029	1074	1120	1166	1213
58	4 $\frac{1}{8}$		333	379	425	472	519	566	613	660	707	754	801	848	895	942	989	1036	1084	1132	1181	1230	1279
60	4 $\frac{1}{8}$		354	403	452	501	550	600	650	700	750	801	852	903	954	1006	1058	1110	1162	1215	1268	1321	1374

Weights listed are for Pulleys with Hubs for Max. Standard Bores.

Jeffrey Pulleys

Tight and Loose Pulleys



THE hubs of our Tight and Loose Pulleys are faced so as to keep the rims from rubbing. When Loose Pulleys are intended for heavy strains or high speeds, we recommend having oil chambers in centers of hubs or their being fitted with self-oiling bushings.

List Prices

Price to be added to the List Price Per Pair of Plain Pulleys when fitted up as Tight and Loose Pulleys.

Diam. Pulley In.	Face in Inches				
	3-4	5-6	7-8	9-10	11-12
6-9	\$1.30	\$2.00	\$3.00	\$4.50	
10-15	1.50	2.30	3.40	5.00	\$7.00
16-20	2.10	2.90	4.00	5.50	7.50
21-30	3.30	4.10	5.20	6.80	9.10
31-42	4.50	5.50	6.90	9.00	12.10
43-60	6.00	7.40	9.30	12.00	15.80

List Prices of Solid Double Arm Pulleys for Belt Conveyor Service

Diam. Pulley In.	Largest Bore at Regular Price	Face of Pulley—Inches								
		16	18	20	22	26	32	38	44	50
12	2 $\frac{7}{16}$	\$26.50	\$27.50	\$30.00	\$32.50	\$ 40.00	\$ 59.50	\$ 67.00	\$ 82.00	\$ 96.00
14	2 $\frac{15}{16}$	28.50	30.00	32.00	34.00	42.00	63.00	70.00	96.00	110.00
16	2 $\frac{15}{16}$	-----	32.00	34.00	37.00	45.00	67.00	74.00	100.00	118.00
18	3 $\frac{7}{16}$	-----	34.50	36.00	39.00	47.50	71.00	80.00	110.00	130.00
20	3 $\frac{15}{16}$	-----	37.50	40.00	43.00	51.00	75.00	90.00	120.00	150.00
22	3 $\frac{15}{16}$	-----	-----	44.00	48.00	56.00	80.00	100.00	130.00	165.00
24	4 $\frac{7}{16}$	-----	-----	-----	53.00	61.00	85.00	110.00	140.00	180.00
26	4 $\frac{7}{16}$	-----	-----	-----	60.00	68.00	93.00	119.00	152.00	195.00
28	4 $\frac{15}{16}$	-----	-----	-----	68.00	75.00	102.00	129.00	165.00	212.00
30	4 $\frac{15}{16}$	-----	-----	-----	-----	84.00	112.00	140.00	180.00	230.00
32	4 $\frac{15}{16}$	-----	-----	-----	-----	94.00	122.00	150.00	195.00	250.00
34	4 $\frac{15}{16}$	-----	-----	-----	-----	105.00	132.00	160.00	210.00	270.00
36	5 $\frac{7}{16}$	-----	-----	-----	-----	120.00	142.00	170.00	230.00	290.00

Above Price List Covers Pulleys Bored, Turned, Keyseated and with Set Screws over Keyseats.

If pulleys are required split, price will be furnished on application.

Minimum Bore for Double Arm Pulleys is 1 $\frac{1}{8}$ inches.

Hubs for double arm pulleys have a diameter equal to that given in Hub Table on page 182; the standard length of each hub is equal to the bore + 2 inches.

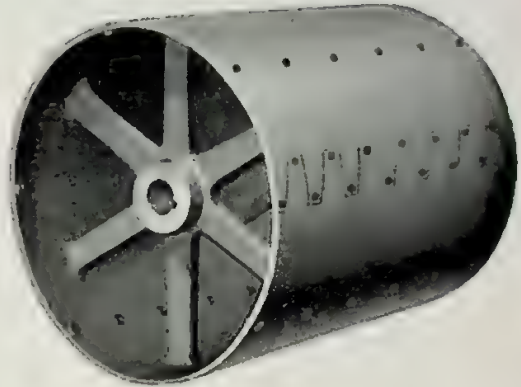
Weights of Solid Double Arm Pulleys

Diam. Pulley In.	Max. Standard Bore	Face in Inches—Approx. Weight, Lbs.								
		16	18	20	22	26	32	38	44	50
12	2 $\frac{7}{16}$	140	150	160	170	195	235	275	320	365
14	2 $\frac{15}{16}$	155	165	180	195	225	270	315	365	420
16	2 $\frac{15}{16}$	-----	210	220	230	270	325	380	455	525
18	3 $\frac{7}{16}$	-----	260	270	280	320	380	440	530	635
20	3 $\frac{15}{16}$	-----	-----	310	325	370	430	490	580	690
22	3 $\frac{15}{16}$	-----	-----	355	370	420	490	560	640	750
24	4 $\frac{7}{16}$	-----	-----	-----	420	480	580	670	750	920
26	4 $\frac{7}{16}$	-----	-----	-----	460	520	600	680	760	980
28	4 $\frac{15}{16}$	-----	-----	-----	500	560	640	730	810	1040
30	4 $\frac{15}{16}$	-----	-----	-----	-----	630	730	820	920	1075
32	4 $\frac{15}{16}$	-----	-----	-----	-----	700	800	900	1000	1160
34	4 $\frac{15}{16}$	-----	-----	-----	-----	770	860	970	1080	1260
36	5 $\frac{7}{16}$	-----	-----	-----	-----	840	930	1050	1200	1375

Jeffrey Pulleys

Rubber Covered

RUBBER Covered Pulleys increase the tractive effort of the plain driving pulley of a belt from 10 to 20% where the contact between the pulley and the belt is clean or where dust from the materials handled is damp. However, they should not be used in dry and very dusty conditions of coal, clays and similar smooth materials as they decrease the tractive effort.

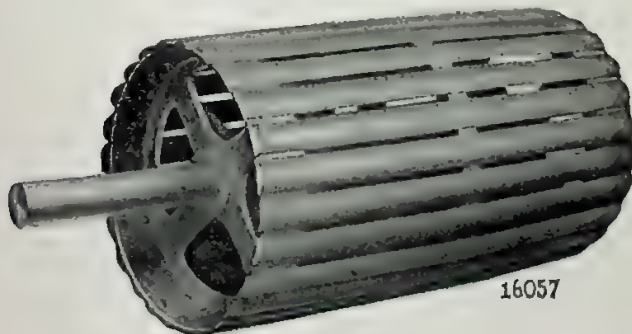


Extra Price to be added to List of Double Arm Pulleys, Page 186

Diam. Pulley Inches	Width of Belt—Inches								
	14	16	18	20	24	30	36	42	48
	Face of Pulley—Inches								
	16	18	20	22	26	32	38	44	50
12	\$26.00	\$28.00	\$31.00	\$33.00	\$39.00				
14	28.50	31.00	34.00	36.50	42.50				
16		34.50	37.50	40.50	47.00	\$ 56.00			
18		37.50	41.00	44.00	51.50	61.50	\$ 72.50		
20		41.00	44.50	48.00	56.00	67.00	79.50		
22			48.00	52.00	60.00	72.00	85.00		
24				56.00	64.50	78.00	91.00	\$105.00	\$118.00
26				60.00	69.00	83.50	98.00	112.00	126.00
28				63.50	73.00	89.00	104.00	120.00	135.00
30					78.00	94.50	112.00	128.00	144.00
32					82.50	100.00	118.00	136.00	153.00
34					87.00	106.00	125.00	143.00	162.00
36					92.00	111.00	132.00	151.00	172.00

Approximate Weight of Rubber Cover to be Added to Weight of Pulley

Diam. Pulley Inches	Face of Pulley—Inches								
	16	18	20	22	26	32	38	44	50
12	5.1	5.9	6.7	7.2					
14	5.9	6.8	7.5	8.2					
16		7.8	8.9	9.4	11.3				
18		8.8	10.0	10.6	12.9				
20			11.1	11.8	14.3	17.6			
22			12.2	12.9	15.8	19.4			
24				14.1	17.2	21.2	25.1	29.0	32.4
26				15.2	18.6	22.9	27.1	31.4	35.5
28				16.4	20.2	24.7	29.3	33.8	38.5
30				17.6	21.6	26.5	31.3	36.2	41.1
32				18.7	22.8	28.1	33.3	38.5	43.6
34					24.4	30.0	35.5	41.0	46.5
36					25.8	31.7	37.6	43.5	49.4



16057

Slatted Drive Pulleys

THE Slatted Pulley is of distinct advantage for head pulleys on belt conveyors handling sticky or gritty sharp materials such as crushed stone which tend to get on the under side of the belt, and either build up on the head pulley or cut the belt. The face of the pulley consisting of a series of slats allows this material to fall thru thus greatly increasing the life of the belt. Price on Application.

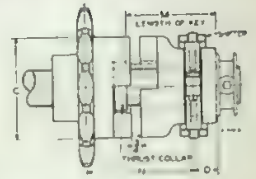
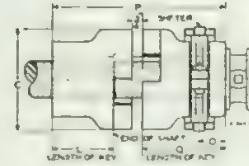
Jeffrey Jaw Clutches and Couplings



Spiral Jaw—Left Hand*



Spiral Jaw—Right Hand*



Square Jaw Clutch

*Arrows indicate direction of rotation for both R. H. and L. H. spiral clutches where the "Sliding Halves" drive the "Stationary Halves." Rotation is in the opposite direction from that shown where "Stationary Halves" drive the "Sliding Halves."

List Prices of Jaw Clutches and Couplings

Order by Diam. Shaft	Clutch Complete		Clutch or Coupling Parts					Order by Diam. Shaft	Clutch Complete		Clutch or Coupling Parts				
	Wheel Clutch Com- plete with Shifter and Thrust Collars	Clutch Cou- pling Com- plete with Shifter Collar	Stationary Half Only		Sliding Half Only With- out Shifter Collar	Shift- er Collar Only	Internal Thrust Collar		Wheel Clutch Com- plete with Shifter and Thrust Collar	Clutch Cou- pling Com- plete with Shifter Collar	Stationary Half Only		Sliding Half Only With- out Shifter Collar	Shift- er Collar Only	Internal Thrust Collar
			Jaw Hub to Wheel	Half of Cou- pling							Jaw Hub to Wheel	Half of Cou- pling			
1 1/2"	\$ 8.40	\$10.40	\$2.00	\$4.00	\$ 4.80	\$1.60	\$0.90	2 1/2"	\$23.00	\$25.00	\$ 6.00	\$10.00	\$12.40	\$2.60	\$2.00
1 3/4"	9.90	11.20	2.20	4.40	5.20	1.60		2 3/4"	26.20	28.00	7.00	11.20	13.80	3.00	2.10
1 7/8"	11.20	12.60	2.60	5.00	5.80	1.80	1.00	3 1/8"	32.40	35.00	9.00	11.60	17.00	3.40	3.00
1 1/2"	12.70	14.20	3.00	5.60	6.80	1.80	1.10	3 1/2"	39.60	46.00	11.00	21.00	21.20	3.80	3.60
1 3/4"	14.20	16.00	3.40	6.40	7.60	2.00	1.20	4 1/8"	49.40	58.00	13.00	26.00	27.80	4.20	4.40
1 7/8"	16.80	19.00	4.00	7.60	9.20	2.20	1.40	4 1/2"	59.20	70.00	15.00	31.00	34.00	5.00	5.20
2 1/8"	19.80	22.00	5.00	8.80	11.00	2.20	1.60								

Prices of Split Clutches on application.

†Consisting of "Stationary Half" for wheel (cast to hub) with Thrust Collar also "Sliding Half" with shifter collar.

Lever and Yoke extra.

‡Consisting of "Stationary Half" also "Sliding Half" with Shifter Collar. Lever and yoke extra.

Clutches are of either 2 square jaws or 3 spiral jaws. Square jaws furnished when kind is not specified.

Dimensions of No. 2 Square or Spiral Jaw Clutches

Order by Diam. Shaft	General Dimensions—Inches										↑ Approx Weight, Lbs.	
	C	O	M	N		L	Q	P		Clutch	Coupling	
				Disengaged as Shown	Fully Engaged			Disengaged as Shown	Fully Engaged			
1 1/2	3 1/2	1 1/4	3 1/4	4 3/4	3 1/2	2 1/2	3 5/8	7 1/2	6 1/8	9	13	
1 3/4	4 1/4	1 1/2	4 1/4	5 1/4	3 3/4	2 3/4	4 1/8	7 3/4	6 3/8	13 1/2	18	
1 7/8	4 3/4	1 3/4	4 3/4	5 3/4	4 1/4	3	4 3/8	8 1/4	6 7/8	16	21	
1 1/2	5 1/4	1 1/2	5	6	4 3/8	3 1/4	4 7/8	9	7 3/8	19 1/2	27	
1 3/4	5 3/4	1 3/4	5 3/4	6 1/4	4 1/2	3 3/4	5 1/4	9 3/4	8 1/8	24 1/2	36	
2 1/8	6 1/4	1 3/4	6 1/4	7	5 1/4	3 1/2	5 3/8	10 3/8	8 7/8	31 1/2	48	
2 3/8	6 3/4	1 3/4	6 3/4	7 3/8	5 3/4	4 1/4	6 1/8	11 1/8	9 3/8	46 3/4	76	
2 7/8	7 1/4	1 3/4	7 1/4	8	6	4 1/2	6 3/8	12 1/4	10 3/4	57 1/2	92	
3 1/8	7 3/4	2 1/4	7 3/4	8 3/8	6 3/8	4 3/4	6 1/2	13 1/8	11	64 1/2	102	
3 1/2	8 1/4	2 1/2	8 1/4	9 3/8	7	5 1/4	7 1/8	14 1/4	11 1/2	75 1/2	108	
3 3/4	9 1/4	2 3/4	9 1/4	11	8 3/8	6 1/4	8 1/8	17	14 3/8	118	180	
4 1/8	10 1/4	2 3/4	10 1/4	11 3/8	8 3/8	6 3/4	9 1/8	17 3/4	15	152 3/4	220	

Square Jaw Clutches are furnished when kind is not specified.

†Weight of Clutch is given complete with Thrust and Shifter collars.

Weight of coupling is with shifter collar but no thrust collar.

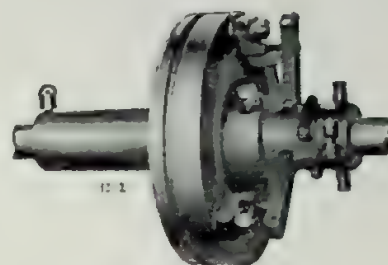
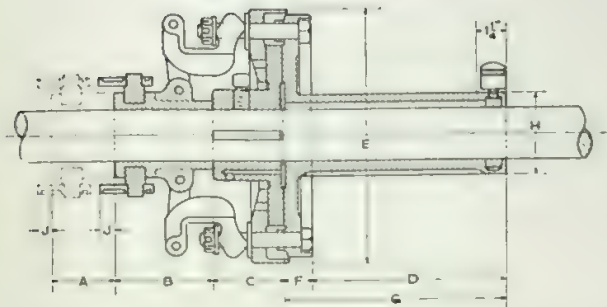


List Prices of Full Yoke Levers for Jaw Clutches

Clutch Shaft Size	Size of Pipe	Length Standard Hand Lever Extension Feet	List Price Lever Complete with Standard Extension	List Price Standard Pipe Extension Only	Approx. Weight Lever Complete Pounds	Clutch Shaft Size	Size of Pipe	Length Standard Hand Lever Extension Feet	List Price Lever Complete with Standard Extension	List Price Standard Pipe Extension Only	Approx. Weight Lever Complete Pounds
1 1/2"-1 3/4"	1	2 1/2"	\$3.60	\$1.10	14.4	2 1/2"-3 1/8"	1 1/4"	3	\$6.20	\$1.50	24.0
1 3/4"-1 7/8"	1	2 1/2"	4.00	1.10	16.1	3 1/8"-4 1/4"	1 1/2"	3 1/2"	7.40	1.75	30.5
1 7/8"-2 1/8"	1 1/4"	3	4.80	1.50	23.0	4 1/4"-4 1/2"	1 3/4"	3 1/2"			

*Steel Yoke and Lever used for sizes over 4 1/4". Price on Application.

Jeffrey-Kinney Type Friction Clutches



Clutch with Extended Sleeve

IN construction this clutch is the simplest Friction Clutch made. When clamped together it forms a solid bolt coupling. The power is transmitted directly through the two substantial flat discs and not through bolts, loose joints or working parts.

There are no wood blocks, fibre discs or other parts to quickly wear out and be replaced.

Change in atmospheric conditions does not affect the tension of the adjustments.

When properly oiled the glazed surfaces of the metal allow an easy, smooth, positive action with no sudden strain and without grinding, chattering or other noises. This Clutch is practically indestructible.

It seldom needs adjustment or repairs. The wear of the parts does not effect their power or efficiency.

The shifting mechanism consists of a sliding member to which the one piece cams are connected by pivoted links. This link movement is very powerful and requires slight pressure on the shifting lever to clamp the discs firmly together. All that is necessary to adjust the clutch is to turn the draw bolt nuts which are on the cams on the face of the Clutch. This can be done with a common wrench and does not require any special tools.

The standard sleeve is of the well-known wick oiling type so successfully used in loose pulleys. This sleeve is much longer than a pulley bushing, therefore more durable.

The sleeve is equipped with an automatic oil cup which can be filled in any position. To insure a perfect bearing it is only necessary to keep this cup well filled with machine oil.

For heavy duty or for use on driving shaft at high speed we recommend the use of a ball bearing sleeve.

List Price and Dimensions of Kinney Type Friction Clutches

Clutch No.	List Price		Horse-Power at 100 R.P.M. †	Max. Speed R.P.M. §	Max. Bore	Shaft Equal to Clutch	Approx. Shipping Weight in Lbs.	Stock Bores	A	B	C	D	E	F	G	J
	Solid	Split														
80	\$ 14.00	-----	2	1000	1½	1 13/16	28	1 13/16 1 3/8 1 7/8	1 1/4 2 3/4	1 1/8	5	7 1/8	1	6	7 3/8	
81	16.00	-----	2.66	1000	1¾	1 1/8	40	1 1/8 1 7/8 1 1 1/8	1 5/8 3	2 1/8	6	8 1/2	1	7	7 3/8	
82	18.00	\$ 25.00	3.33	900	2	1 1/2	55	1 1/2 1 1 1/8 1 1 1/8	2 3/8 3	2 3/8	8	10 1/2	1	9	7 3/8	
83	26.00	36.00	5.33	750	2¼	1 1/8	92	1 1/8 1 1/8 2 1/8	2 1/8 3 1/2	2 1/8	7 11/16	13	1 5/8	9	7 3/8	
84	40.00	50.00	8	600	2½	1 1/8	160	1 1/8 2 1/8 2 1/8	3 1/8 5 1/8	3 1/4	10 3/8	15 3/8	1 5/8	12 1 1/8	9 7/8	
85	50.00	60.00	13.33	500	3	2 1/8	195	2 1/8 2 1/8 2 1/8	3 1/2 5 1/4	3 1/4	10 3/8	16 7/8	1 5/8	12 1 1/8	9 7/8	
86	75.00	90.00	23.33	400	3¾	2 7/8	340	2 1/8 2 1/8 3 1/8	3 1/2 5 3/4	3 3/4	12 3/8	18 3/8	1 5/8	14 1 1/8	9 7/8	
87	140.00	160.00	40	400	4½	2 1 1/8	450	2 1 1/8 3 1/8 3 1/8	4 3/8 6 5/8	5 1/4	13 7/8	22	2 1/8	16 1 1/4	9 7/8	
9	290.00	310.00	66	350	5¾	3 7/8	750	3 1/8	5	6 1/4	5	21	25	3	24 2	
10	390.00	450.00	100	330	6½	3 1 1/8	900	3 1/8	6	6 3/4	5 1/2	20 1/2	29	3 1/4	24 2	
11	720.00	780.00	200	310	8¼	4 1/8	1900	4 1/8	6 5/8	6 1/2	6 1/2	24 1/2	35 1/4	3 7/8	28 2 1/8	
12	1000.00	1200.00	330	300	9¾	6	2800	6	8	6 1/2	7 5/8	24 1/2	41 3/4	4 3/8	28 2 1/8	

§ For Speeds over 300 R.P.M., Clutches must be specially balanced and should be noted on order. Friction Clutch Sleeves operating at speeds 400 R. P. M. and over should be fitted with Ball Bearings.

† For frequent starting, use Clutch of Shaft Capacity.

All Clutches will pick up and transmit full rated capacity. Horse-power may be increased in direct proportion to the speed up to 300 R. P. M. Above this speed deduct 10 per cent per 100 R. P. M. for starting load. For carrying capacity direct ratio any speed.

Note Max. Diameter of Pulleys, Sprockets, etc., on page 190 to be used with clutches.

Keyscats in both driving member and outside of sleeve are the standard for the shaft on which clutch is mounted. see page 124.

Extended Sleeves for Kinney Type Clutches—Dimensions in Inches

Clutch No.	Dimensions—Inches														
	1 5/16	1 7/16	1 9/16	1 11/16	1 13/16	2 1/16	2 1/8	2 1/4	2 1/2	3 1/16	3 1/8	4 1/8	4 1/4	5 1/8	6
	Outside Diameter of Sleeve H—Inches														
80	2 7/16	2 7/16	2 7/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
81	2 1 1/16	2 1 1/16	2 1 1/16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
82	2 1 1/8	2 1 1/8	2 1 1/8	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
83	3 7/16	3 7/16	3 7/16	.....	.....	.....	.....	.....	.....	.....	.....	.....
84	3 7/16	3 7/16	3 1 1/8	.....	.....	.....	.....	.....	.....	.....	.....
85	4 1/8	4 1/8	4 1/8	4 1/8	.....	.....	.....	.....	.....	.....
86	4 1/8	4 1/8	4 1/8	5 1/8	.....	.....	.....	.....	.....
87	4 1/8	4 1/8	5 1/8	5 1/8	.....	.....	.....	.....
9	5 1/8	6 1/2	7	7 1/2	8	.....
10	6 1/2	7	7 1/2	8	8 1/2
11	8 1/2	8 1/2	9	9 1/2
12	9 1/2	9 1/2

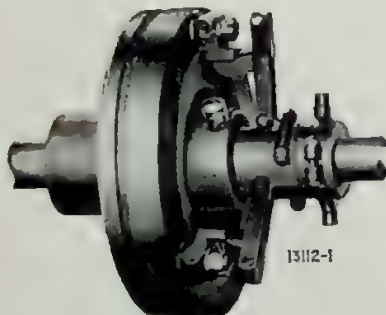
Jeffrey-Kinney Type Friction Clutches

Proper Size Clutches for Standard Pulleys

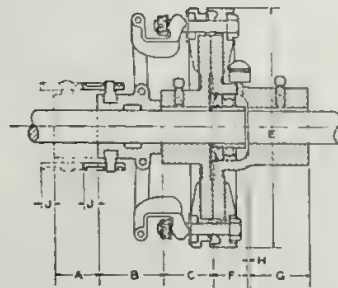
Diam. of Pulley In.	Width of Face—Inches									
	2	3	4	5	6	8	10	12	14	16
	Clutch Number									
6	80	80	80	80	82	83	83	83	85	86
8	80	80	80	80	82	83	83	83	85	86
10	80	80	80	81	82	83	83	84	85	86
12	80	80	81	81	83	83	84	84	85	86
14	80	80	81	82	83	83	84	84	85	86
16	80	81	82	83	83	84	84	85	86	86
18	80	81	82	83	83	84	85	85	86	86
20	80	82	83	83	84	84	85	85	86	86
22	----	82	83	83	84	84	85	85	86	86
24	----	82	83	84	84	85	85	86	86	86
26	----	83	83	84	84	85	86	86	86	86
28	----	83	83	84	85	85	86	86	86	86
30	----	83	84	84	85	85	86	86	86	87
32	----	83	84	84	85	85	86	86	86	87
34	----	83	84	85	85	85	86	86	86	87
36	----	83	84	85	85	85	86	86	87	87
38	----	----	84	85	85	86	86	86	87	87
40	----	----	84	85	85	86	86	86	87	87
42	----	----	84	85	85	86	86	87	87	87
44	----	----	----	85	85	86	86	87	87	87
46	----	----	----	85	85	86	87	87	87	87
48	----	----	----	85	86	86	87	87	87	87
50	----	----	----	85	86	86	87	87	87	87
52	----	----	----	85	86	86	87	87	87	
54	----	----	----	85	86	86	87	87	87	
56	----	----	----	86	86	86	87	87	87	
58	----	----	----	86	86	86	87	87	87	

Caution. No allowance will be made if these Clutches fail to give satisfaction when used with a pulley of a greater capacity than indicated above; except if used with the smallest bore of the several sizes. When using Clutch of the smallest listed bore any size pulley may be used.

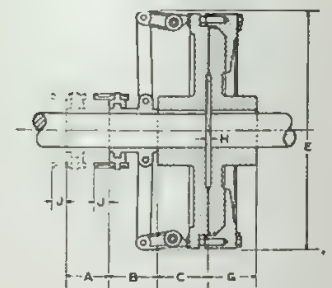
Kinney Type Cut-Off Couplings



Cut-off Coupling



Interchange Type



Worrall Type (Heavy Duty)

IN the Interchange Type the end of the driven shaft projects into and is supported by a ball bearing which is inserted in the face of the driving disc. The inner race is made to fit the end of the driven shaft without the use of an adapter.

By the use of the ball bearing guide the principal cause of Cut-off Coupling trouble is eliminated; it keeps the shafts in line and eliminates trouble caused by lack of lubrication. If larger bore than listed is required we can furnish this type Cut-off Coupling with any Driven Pulley Clutch bore by substituting a bronze bushing for the ball bearing. Such Clutches, however, are not guaranteed to transmit the full power of the shaft.

In the Worrall Type the Shafts are centered by the bevel-face flange. This is the only positive method of centering heavy shafts. When disengaged the flanges are entirely separated, eliminating all friction. There is no end thrust upon the shafts or shifting mechanism. This coupling is very compact in design, occupying less space on the shaft than any other Clutch of equal power.

As it is sometimes difficult to obtain the exact horsepower to be transmitted, the table of sizes for Cut-off Couplings is based upon using a coupling of the same rated capacity as the rated capacity of the ordinary steel shafting.

Jeffrey-Kinney Type Friction Clutches

List Price and Dimensions of Kinney Type Cut-Off Couplings

No. of Clutch	Type	List Price	Horsepower at 100 R. P. M.	Max. Speed R. P. M.	Max. Bore	Shaft Equal to Clutch	A	B	C	E	F	G	H	J
180	Interchange	\$21.00	2	1000	1 1/8	1 1/8	1 1/8	2 3/4	1 1/8	7 1/8	1 1/8	2 1/4	1/4	3/4
181	"	24.00	2.66	1000	1 1/8	1 1/8	1 1/8	3	2 3/4	8 1/8	1 1/8	2 1/4	1/8	3/4
182	"	30.00	3.33	900	1 1/8	1 1/8	2 1/8	3	2 1/8	10 1/8	1 1/8	3	1/8	3/4
183	"	35.00	5.33	750	2 1/8	1 1/8	2 1/8	3 3/4	2 1/8	13	1 1/8	3	3/4	3/4
184	"	47.00	8	600	2 1/8	1 1/8	3 1/8	5 1/8	3 1/8	15 1/8	1 1/8	3 1/8	1/4	1 1/8
185	"	60.00	13.33	500	2 1/8	2 1/8	3 1/8	5 1/8	3 1/8	16 1/8	2 1/8	3 1/8	1/4	1 1/8
186	"	90.00	23.33	400	3 1/8	2 1/8	3 1/8	5 1/8	3 1/8	18 1/8	2 1/8	4	3/4	1 1/8
187	"	160.00	40	400	3 1/8	2 1/8	4 1/8	5 1/8	5 1/8	22	2 1/8	5	3/4	1 1/8
9	Worrall	200.00	66	350	5 3/8	3 1/8	5	6 3/8	5	25	-----	5	1/2	2
10	"	270.00	100	330	6 3/8	3 1/8	6	6 3/8	5 1/8	29	-----	5 1/8	1/2	2
11	"	540.00	200	310	8 3/8	4 1/8	6 3/8	6 3/8	6 3/8	35 1/8	-----	6 3/8	3/4	2 3/8
12	"	800.00	330	300	9 3/8	6	8	6 3/8	7 1/8	41 1/8	-----	7 1/8	3/4	2 3/8

†For frequent starting, use Clutch of Shaft Capacity. All Clutches will pick up and transmit full rated capacity. Horsepower may be increased in direct proportion to the speed up to 300 R. P. M. Above this speed deduct 10 per cent per 100 R. P. M. for starting load. For carrying capacity direct ratio any speed.

§For Speeds over 300 R. P. M., Clutches must be specially balanced and should be noted on order. Friction Clutch Sleeves operating at speeds 400 R. P. M. and over should be fitted with Ball Bearings.

Weights of cut-off Couplings approximately same as shown for Sleeve Type Clutches.

List Price of Repair Parts for Interchange Clutches and Clutch Couplings

Name of Part	Part Letter	80 and 180	81 and 181	82 and 182	83 and 183	84 and 184	85 and 185	86 and 186	87 and 187
Pulley Sleeve Disc.....	A	\$5.75	\$6.80	\$7.70	\$8.40	\$12.60	\$19.00	\$31.50	\$48.00
Cut-off Coupling Bearing Disc.....	A*	5.75	6.80	7.70	8.40	12.60	19.00	31.50	48.00
Hub, Disc.....	B	2.70	3.20	3.75	4.20	6.30	8.40	12.60	21.00
Ring (Outside).....	C	2.10	2.70	3.20	3.75	5.30	7.35	11.60	19.00
Ring (Inside).....	C-1	2.10	2.70	3.20	3.75	5.30	7.35	11.60	19.00
Shifter Sleeve.....	D	1.10	1.35	1.60	1.85	2.35	3.20	5.25	10.50
Shifter Ring.....	E	.45	.55	.65	.80	1.10	1.35	2.10	4.20
Cam.....	F	.35	.35	.35	.55	.75	.75	.75	1.30
Links (per pair).....	G	.25	.25	.25	.30	.45	.45	.60	.90
Cam Washer.....	H	.05	.05	.05	.05	.05	.05	.05	.10
Shifter Yoke.....	KL	2.10	2.10	2.10	3.20	4.20	4.20	4.20	6.30
Fulcrum.....	M	.25	.25	.25	.25	.30	.30	.30	.50
Disc Spring.....	N	.15	.15	.15	.15	.20	.20	.20	.40
Adj. Bolt and Nut.....	R	.20	.25	.25	.40	.70	.70	.70	1.00
Oil Cup.....		.60	.60	.60	.70	.70	.70	.70	.70
Oil Wick.....		.15	.15	.15	.15	.20	.25	.30	.30
Assembly charge for D-E-F-G when ordered assembled....		2.75	3.20	3.50	4.40	7.00	8.15	12.75	23.50

*Price of Bearing Disc A for Cut-off Coupling does not include ball bearing.

Split parts are interchangeable with solid parts of same number.

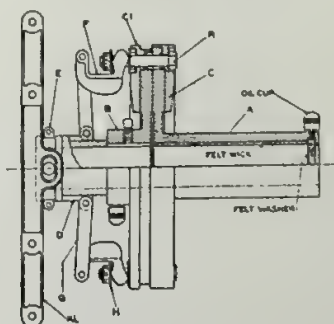
Part D is split on all sizes except Nos. 80 and 81.

Part E is split on all sizes.

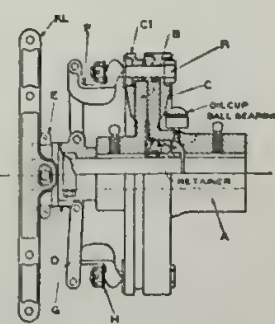
Parts A, B, C, C1 can be supplied split if desired, add 25 % to list.



Clutch Yoke and Fulcrum



Clutch



Cut-off Coupling

Jeffrey Transmission Belting

Woven Cotton Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies						
	2	3	4	5	6	8	
2	\$0.12	\$0.18	\$0.26	\$0.32	\$0.39	\$0.50	
3	.18	.26	.34	.42	.53	.71	
4	.23	.32	.43	.56	.67	.90	
5	.28	.40	.53	.69	.84	1.15	
6	.33	.47	.63	.81	1.00	1.33	
7	.40	.58	.74	.96	1.20	1.60	
8	.44	.64	.84	1.08	1.35	1.80	
9	.55	.78	1.00	1.30	1.60	2.20	
10	.60	.85	1.10	1.45	1.75	2.50	\$3.15
12	.68	.97	1.27	1.70	2.06	2.90	3.65
14	.84	1.18	1.53	1.98	2.40	3.40	4.25
16	.96	1.35	1.75	2.25	2.70	3.90	4.90
18	1.08	1.53	1.98	2.52	3.05	4.35	5.45
20	1.20	1.70	2.20	2.85	3.40	4.90	6.15
22	1.30	1.85	2.44	3.20	3.85	5.45	6.85
24	1.40	2.00	2.64	3.40	4.10	6.00	7.50

Stitched Canvas Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies					
	3	4	5	6	8	
2	\$0.39	\$0.46	\$0.58	\$0.69		
3	.55	.65	.81	.98		
4	.70	.82	1.03	1.23		
5	.87	1.02	1.28	1.53		
6	1.04	1.22	1.53	1.83	\$2.44	\$3.06
7		1.43	1.79	2.15	2.86	3.58
8		1.54	1.93	2.31	3.08	3.86
9		1.73	2.16	2.60	3.46	4.32
10		1.92	2.40	2.88	3.84	4.80
12		2.30	2.88	3.45	4.60	5.76
14		2.69	3.36	4.04	5.38	6.72
16		3.08	3.86	4.62	6.16	7.72
18		3.46	4.32	5.20	6.92	8.64
20		3.84	4.80	5.76	7.68	9.60
22		4.22	5.28	6.34	8.44	10.56
24		4.60	5.76	6.90	9.20	11.52

Rubber Transmission Belt

List Price per Foot

Width of Belt Inches	Number of Plies							
	2	3	4	5	6	7	8	10
2	\$0.34	\$0.39	\$0.46	\$0.58	\$0.69			
3	.48	.55	.65	.81	.98			
4	.61	.70	.82	1.03	1.23	\$1.44		
5		.87	1.02	1.28	1.53	1.79		
6		1.04	1.22	1.53	1.83	2.14	\$2.44	\$2.75
7		1.22	1.43	1.79	2.15	2.50	2.86	3.22
8		1.31	1.54	1.93	2.31	2.70	3.08	3.47
9			1.73	2.16	2.60	3.03	3.46	3.89
10			1.92	2.40	2.88	3.36	3.84	4.32
12			2.30	2.88	3.45	4.03	4.60	5.18
14			2.69	3.36	4.04	4.71	5.38	6.05
16			3.08	3.86	4.62	5.40	6.16	6.94
18			3.46	4.32	5.20	6.06	6.92	7.78
20			3.84	4.80	5.76	6.72	7.68	8.64
22			4.22	5.28	6.34	7.38	8.44	9.50
24			4.60	5.76	6.90	8.06	9.20	10.36

Jeffrey Gears

Horsepower Ratings listed are for steady load conditions. For heavy intermittent service use $\frac{1}{2}$ to $\frac{3}{4}$ of ratings.

Speed Limits indicated by zigzag lines with (†) notes should be observed for best results in ordinary service.

Pinions of not less than 15 teeth and preferably 18 to 20 teeth should be used in power transmission.

Always use the Horsepower Rating of the smaller Gear of a pair.

GENERAL INFORMATION

To Order Gears from Catalog—Specify

1. Kind.
2. Pitch Diameter.
3. No. of teeth.
4. Width of face.
5. Exact Bore.
6. Keyseat or set screw (or both).
7. Size of keyway (Jeffrey Standard, page 124).
8. Hub dimensions from center line of gear.

To Order Gears to meet your Conditions—Specify

1. Kind of Gears.
2. Speed and size of shaft.
3. Power required.
4. If Spur Gear, centers of shafts.
5. Largest Outside Diameter Gear for clearance conditions.
6. If Hubs are offset or special, give sketch if possible.
7. Width and Depth of Keyseat.

Extra Charges on Gears

We list below, and on pages 194, 195, 196 and 197 the extra prices to be added to regular wheel prices when something different from the standard is wanted.

SPLIT GEARS

Additions to list prices for furnishing CAST IRON Gears Split.

Pitch Diam. Inches	Bore of Gears—Inches															
	1 $\frac{1}{2}$	1 $\frac{3}{4}$	1 $\frac{1}{2}$	1 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	2 $\frac{1}{2}$	2 $\frac{3}{4}$	3 $\frac{1}{2}$	3 $\frac{3}{4}$	4 $\frac{1}{2}$	4 $\frac{3}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{4}$	6 $\frac{1}{2}$	6 $\frac{3}{4}$
Up to																
7 $\frac{3}{8}$ "	\$ 3.80	\$ 4.00	\$ 4.20	\$ 4.40	\$ 4.80	\$ 5.20										
8"-11 $\frac{1}{8}$ "	4.60	4.80	5.00	5.20	5.60	6.00	\$ 6.60	\$ 7.20	\$ 8.40							
12"-17 $\frac{1}{8}$ "	5.60	5.80	6.00	6.20	6.60	7.00	7.60	8.20	9.40	\$11.00	\$13.00	\$15.40				
18"-23 $\frac{1}{4}$ "		7.00	7.20	7.40	7.80	8.20	8.80	9.40	10.60	12.20	14.20	16.60	\$20.40			
24"-29 $\frac{1}{4}$ "		8.40	8.60	8.80	9.20	9.60	10.20	10.80	12.00	13.60	15.60	18.00	21.80	\$27.20	\$34.20	\$43.80
30"-35 $\frac{3}{4}$ "		10.00	10.20	10.40	10.80	11.20	11.80	12.40	13.60	15.20	17.20	19.60	23.40	29.80	36.80	46.40
36"-41 $\frac{3}{4}$ "		11.80	12.00	12.20	12.60	13.00	13.60	14.20	15.40	17.00	19.00	21.40	25.20	31.00	38.60	49.60
42"-47 $\frac{1}{2}$ "				14.20	14.60	15.00	15.60	16.20	17.40	19.00	21.60	24.60	29.00	35.40	43.40	54.80
48"-53 $\frac{1}{4}$ "				16.40	16.80	17.20	17.80	18.40	19.60	22.20	25.20	28.60	33.40	40.20	48.60	60.40
54"-59 $\frac{1}{4}$ "							20.40	21.00	22.80	25.80	29.20	33.00	38.20	45.40	54.20	66.40
60"-65 $\frac{3}{4}$ "								24.00	26.40	29.80	33.60	37.80	43.40	51.00	60.20	72.80
66"-71 $\frac{3}{4}$ "								27.40	30.40	34.20	38.40	43.00	49.00	57.00	66.60	78.80
72"-79 $\frac{1}{4}$ "								31.20	34.80	39.00	43.60	48.60	55.00	63.40	73.40	86.00

Additions to list prices for furnishing CAST STEEL Gears Split

Up to																
7 $\frac{3}{8}$ "	\$14.40	\$15.60	\$16.80	\$18.00	\$19.20	\$20.60										
8"-11 $\frac{1}{8}$ "	17.60	18.80	20.00	21.20	22.40	23.80	\$25.20	\$26.80	\$30.60							
12"-17 $\frac{1}{8}$ "	22.00	23.20	24.40	25.60	26.80	28.20	29.60	31.20	35.00	\$39.40	\$44.60	\$50.60				
18"-23 $\frac{1}{4}$ "		27.60	28.80	30.00	31.20	32.60	34.00	35.60	39.40	43.80	48.00	55.00	\$62.80			
24"-29 $\frac{1}{4}$ "		32.00	33.20	34.40	35.60	37.00	38.40	40.00	43.80	48.20	53.40	59.40	67.20	\$77.00	\$89.00	104.00
30"-35 $\frac{3}{4}$ "		37.60	38.80	40.00	41.20	42.60	44.00	45.60	49.40	53.80	59.00	65.00	72.80	82.60	94.60	109.60
36"-41 $\frac{3}{4}$ "		43.20	44.40	45.60	46.80	48.20	49.60	51.20	55.00	59.40	64.60	70.60	78.40	88.20	100.20	115.20
42"-47 $\frac{1}{2}$ "				53.60	54.80	56.20	57.60	59.20	63.00	67.40	72.60	78.60	86.40	96.20	108.20	123.20
48"-53 $\frac{1}{4}$ "				62.80	64.00	65.40	66.80	68.40	72.20	76.60	81.80	87.80	95.60	104.20	116.20	131.20
54"-59 $\frac{1}{4}$ "							77.40	79.00	83.80	88.20	93.40	99.40	106.20	116.20	132.60	151.20
60"-65 $\frac{3}{4}$ "								93.00	97.20	102.20	108.40	115.80	125.20	138.40	154.40	173.40
66"-71 $\frac{3}{4}$ "								106.40	112.00	118.40	126.00	134.80	145.60	160.20	176.60	197.00
72"-79 $\frac{1}{4}$ "								121.20	128.20	136.00	145.00	155.20	167.40	182.40	200.20	222.00

Jeffrey Gears

Extra Charges on Gears Facing Hubs

Our regular list prices include facing one hub, but not to a specified dimension. When hubs are wanted faced to a specified dimension, the following extras will be added to list prices.

Cast Iron Gears Facing one side of Hub to a specified dimension

Pitch Diam. Inches	Bore of Gears—Inches						
	$1\frac{1}{16}''-1\frac{3}{16}''$	$1\frac{7}{16}''-1\frac{11}{16}''$ $1\frac{13}{16}''$	$2\frac{3}{16}''-2\frac{7}{16}''$ $2\frac{11}{16}''$	$2\frac{15}{16}''-3\frac{1}{16}''$ $3\frac{13}{16}''$	$4\frac{7}{16}''-4\frac{11}{16}''$	$5\frac{7}{16}''-5\frac{11}{16}''$	$6\frac{7}{16}''-6\frac{11}{16}''$
Up to $17\frac{7}{8}''$	\$0.30	\$0.40	\$0.50	\$0.80	\$ 1.10	\$ 1.40	
$18''-30\frac{7}{8}''$70	.80	1.10	1.40	1.70	\$ 2.80
$31''-47\frac{7}{8}''$	1.00	1.10	1.40	1.70	2.00	2.80
$48''-57\frac{7}{8}''$	1.40	1.40	1.70	2.00	2.30	2.80
$58''-69\frac{7}{8}''$	1.90	2.20	2.50	2.80	2.80
$70''-79\frac{7}{8}''$	2.50	2.80	3.10	3.40	3.40
$80''-120''$	3.40	3.70	4.00	4.00

Facing both sides of Hub to specified dimensions

Up to $17\frac{7}{8}''$	\$1.00	\$1.20	\$1.40	\$ 2.00	\$ 2.60	\$ 3.20	
$18''-30\frac{7}{8}''$	1.80	2.00	2.20	2.80	3.40	4.00	\$5.60
$31''-47\frac{7}{8}''$	.....	2.80	3.00	3.60	4.20	4.80	6.20
$48''-57\frac{7}{8}''$	.....	.....	3.90	4.50	5.00	5.70	6.80
$58''-69\frac{7}{8}''$	.....	.....	4.80	5.40	6.00	6.60	7.40
$70''-79\frac{7}{8}''$	.....	.....	5.70	6.30	6.90	7.50	8.00
$80''-120''$	.....	.....	.....	7.20	7.80	8.40	8.80

Cast Steel Gears Facing one side of Hub to a specified dimension

Up to $17\frac{7}{8}''$	\$0.60	\$0.80	\$1.10	\$ 1.40	\$ 2.00	\$ 2.60	
$18''-30\frac{7}{8}''$	.....	1.10	1.40	1.70	2.30	2.90	\$4.20
$31''-47\frac{7}{8}''$	.....	1.60	1.90	2.20	2.80	3.40	4.20
$48''-57\frac{7}{8}''$	.....	2.20	2.50	2.80	3.40	4.00	4.60
$58''-69\frac{7}{8}''$	.....	.....	3.10	3.40	4.00	4.60	4.60
$70''-79\frac{7}{8}''$	.....	.....	3.70	4.00	4.60	5.20	5.20
$80''-120''$	.....	.....	.....	4.60	5.20	5.80	5.80

Facing both sides of Hub to specified dimensions

Up to $17\frac{7}{8}''$	\$1.80	\$2.20	\$2.80	\$ 3.40	\$ 4.00	\$ 4.60	
$18''-30\frac{7}{8}''$	.....	3.60	4.20	4.80	5.40	6.00	\$ 8.00
$31''-47\frac{7}{8}''$	.....	5.00	5.60	6.20	6.80	7.40	9.20
$48''-57\frac{7}{8}''$	.....	.....	7.00	7.60	8.20	8.80	10.40
$58''-69\frac{7}{8}''$	.....	.....	8.40	9.00	9.60	10.20	11.60
$70''-79\frac{7}{8}''$	.....	.....	9.80	10.40	11.00	11.60	12.80
$80''-120''$	.....	.....	.....	.....	12.40	13.00	14.00

Jeffrey Gears

Extra Charges on Gears

Extra Lengths of Hubs

The following list gives the amount to be added to the list price of the Gear for each extra inch (or fraction of inch) of Hub length wanted, longer than standard shown on page 124. This list does not apply to bevel and miter gears. Changes in backing and lengths of Hubs are special and will be billed from cost.

Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length		Largest Bore at Regular Prices, Inches	Extra List Price per Extra Inch of Length	
	Cast Iron	Cast Steel		Cast Iron	Cast Steel
$\frac{1}{16}$ "	\$0.30	\$0.90	$3\frac{7}{16}$ "	\$2.50	\$5.80
$1\frac{3}{16}$ "	.40	1.30	$3\frac{1}{2}$ "	2.80	6.40
$1\frac{7}{16}$ "	.50	1.70	$4\frac{7}{16}$ "	3.10	7.00
$1\frac{1}{2}$ "	.70	2.10	$4\frac{1}{2}$ "	3.60	7.80
$1\frac{5}{8}$ "	.90	2.50	$5\frac{7}{16}$ "	4.20	8.60
$2\frac{3}{16}$ "	1.10	3.00	$5\frac{1}{2}$ "	4.80	9.50
$2\frac{7}{16}$ "	1.40	3.60	$6\frac{7}{16}$ "	5.40	10.40
$2\frac{1}{2}$ "	1.70	4.20	$6\frac{1}{2}$ "	6.00	11.20
$2\frac{5}{8}$ "	2.00	4.80			

Large Bores

In the following table the first column enumerates the various items of "Largest Bore" at Regular Prices. The extra charges for larger bores are based on furnishing hubs of larger diameter but no greater length than those listed as standard. The larger diameter of hub will conform to our established standard for the size of shaft, see page 124. If a still larger diameter is required an extra charge will be made, based on the extra cost.

Large Bores for CAST IRON Gears

When Listed Bore is	Add to List Price for Larger Bore as below															
	$1\frac{3}{16}$ "	$1\frac{7}{16}$ "	$1\frac{1}{2}$ "	$1\frac{5}{8}$ "	$2\frac{3}{16}$ "	$2\frac{7}{16}$ "	$2\frac{1}{2}$ "	$2\frac{5}{8}$ "	$3\frac{7}{16}$ "	$3\frac{1}{2}$ "	$4\frac{7}{16}$ "	$4\frac{1}{2}$ "	$5\frac{7}{16}$ "	$5\frac{1}{2}$ "	$6\frac{7}{16}$ "	$6\frac{1}{2}$ "
$\frac{1}{16}$ "	\$0.30	\$0.80	\$1.40	\$2.20	\$3.10											
$1\frac{7}{16}$ "		.50	1.10	1.90	2.80	\$3.60										
$1\frac{7}{16}$ "			.80	1.60	2.50	3.30	\$4.20	\$5.00	\$7.00	\$9.50						
$1\frac{1}{2}$ "				.80	1.70	2.80	3.60	4.50	6.40	9.00						
$1\frac{5}{8}$ "					.90	2.00	3.00	3.90	5.90	8.40	\$11.20	\$14.60				
$2\frac{3}{16}$ "						1.10	2.20	3.10	5.00	7.00	11.00	14.20	\$18.50			
$2\frac{7}{16}$ "							1.10	2.20	4.20	6.80	10.40	13.80	18.20	\$23.20		
$2\frac{1}{2}$ "								1.40	3.40	5.90	9.80	12.90	17.60	23.00	\$29.20	
$2\frac{5}{8}$ "									2.20	4.80	8.40	11.80	16.80	22.40	28.20	\$36.40
$3\frac{7}{16}$ "										3.40	7.80	10.40	15.40	21.20	26.80	\$35.20
$3\frac{1}{2}$ "											4.50	8.40	13.40	19.60	25.00	\$33.60
$4\frac{7}{16}$ "												5.90	11.00	17.20	22.40	\$31.40
$4\frac{1}{2}$ "													7.60	13.80	19.40	\$28.40
$5\frac{7}{16}$ "														9.20	15.80	\$24.40
$5\frac{1}{2}$ "															11.20	\$19.60
$6\frac{7}{16}$ "																13.40

Large Bores for CAST STEEL Gears

$\frac{1}{16}$ "	\$0.60	\$1.70	\$2.80	\$4.50	\$6.20											
$1\frac{3}{16}$ "		1.10	2.20	3.90	5.60	\$7.30										
$1\frac{7}{16}$ "			1.60	3.30	5.00	6.70	\$8.40	\$10.20	\$13.80	\$18.20						
$1\frac{1}{2}$ "				1.60	3.30	5.60	7.30	9.00	12.60	17.40	\$22.20					
$1\frac{5}{8}$ "					1.60	4.00	6.20	7.80	11.50	16.30	21.60	\$27.20				
$2\frac{3}{16}$ "						2.20	4.50	6.20	9.80	14.50	20.80	26.60	\$33.80			
$2\frac{7}{16}$ "							2.20	4.50	8.10	12.80	19.60	25.40	33.40	\$42.00		
$2\frac{1}{2}$ "								2.80	6.40	11.20	18.00	23.80	32.20	41.40	\$51.60	
$2\frac{5}{8}$ "									4.20	9.00	15.60	21.60	30.60	40.40	51.00	\$63.60
$3\frac{7}{16}$ "										6.40	13.20	19.00	28.00	38.40	49.60	\$62.80
$3\frac{1}{2}$ "											8.70	15.80	24.60	35.60	47.40	\$61.00
$4\frac{7}{16}$ "												11.50	20.40	31.40	43.60	\$57.40
$4\frac{1}{2}$ "													14.60	25.60	37.20	\$51.00
$5\frac{7}{16}$ "														17.40	29.20	\$42.80
$5\frac{1}{2}$ "															20.20	\$34.20
$6\frac{7}{16}$ "																22.80

Jeffrey Gears

Extra Charges on Gears Extra Key Seat or Set Screws

No extra charges made over regular price of gear, for furnishing one straight keyseat, with two set screws over it, or one taper keyseat without set screws. When a gear is wanted with two keyseats, the extra charge for one extra keyseat will be as follows:

Extra Charge for One Extra Key Seat (Cast Iron Gears)

Pitch Diam. Inches	Bores of Gears, in Inches											
	$\frac{1}{8}$ " $1\frac{1}{8}$ "	$1\frac{7}{8}$ " $1\frac{11}{8}$ "	$1\frac{13}{8}$ " $2\frac{1}{8}$ "	$2\frac{7}{8}$ " $2\frac{11}{8}$ "	$3\frac{1}{8}$ " $3\frac{11}{8}$ "	$3\frac{13}{8}$ "	$4\frac{1}{8}$ "	$4\frac{13}{8}$ "	$5\frac{1}{8}$ "	$5\frac{13}{8}$ "	$6\frac{1}{8}$ "	$6\frac{13}{8}$ "
Up to $29\frac{7}{8}$	\$1.20	\$1.40	\$1.50	\$1.70	\$2.20	\$2.80	\$3.40	\$4.20	\$5.00	\$5.80	\$6.60	\$7.40
30- $39\frac{7}{8}$		1.70	1.90	2.20	2.80	3.40	4.00	4.80	5.60	6.40	7.20	8.00
40- $47\frac{7}{8}$			2.50	2.80	3.40	4.00	4.60	5.40	6.20	7.00	7.80	8.60
48- $59\frac{7}{8}$				3.60	4.20	4.80	5.40	6.20	7.00	7.80	8.60	9.40
60- $71\frac{7}{8}$				4.40	5.00	5.60	6.20	7.00	7.80	8.60	9.40	10.20
72-120						7.20	8.00	8.80	9.60	10.40	11.20	12.00

Extra Charge for one extra Key Seat (Cast Steel Gears)

Up to $29\frac{7}{8}$	\$2.10	\$2.20	\$2.60	\$3.10	\$3.60	\$4.20	\$4.80	\$5.60	\$6.40	\$7.20	\$8.10	\$9.00
30- $39\frac{7}{8}$		3.00	3.40	3.90	4.40	5.00	5.60	6.40	7.20	8.00	8.90	9.80
40- $47\frac{7}{8}$			4.20	4.80	5.30	5.90	6.50	7.30	8.10	8.90	9.80	10.70
48- $59\frac{7}{8}$				5.90	6.40	7.00	7.60	8.40	9.20	10.00	10.90	11.80
60- $71\frac{7}{8}$				7.30	7.80	8.40	9.00	9.80	10.60	11.40	12.30	13.20
72-120					9.20	9.80	10.60	11.70	12.90	14.00	15.10	16.20

When a Gear is wanted with more than two Set Screws the extra charge for each extra pair of Set Screws will be as follows:

Extra Charge for each extra pair of Set Screws (Cast Iron Gears)

Pitch Diam. Inches	Bores of Gears, Inches							
	$\frac{1}{8}$ " $1\frac{1}{8}$ "	$1\frac{7}{8}$ " $1\frac{11}{8}$ "	$1\frac{13}{8}$ " $2\frac{1}{8}$ "	$2\frac{7}{8}$ " $2\frac{11}{8}$ "	$3\frac{1}{8}$ " $4\frac{1}{8}$ "	$4\frac{13}{8}$ " $5\frac{1}{8}$ "	$5\frac{13}{8}$ " $6\frac{1}{8}$ "	$6\frac{13}{8}$ "
Up to $29\frac{7}{8}$	\$0.80	\$1.40	\$2.00	\$2.50	\$ 3.00	\$3.60	\$ 4.20	\$ 5.00
30- $39\frac{7}{8}$		2.20	2.80	3.30	3.90	4.50	5.10	5.90
40- $47\frac{7}{8}$			5.30	5.80	6.40	7.00	7.60	8.40
48- $59\frac{7}{8}$				7.20	7.80	8.40	9.00	9.80
60- $71\frac{7}{8}$					9.20	9.80	10.40	11.20
72-120					10.60	11.20	11.80	12.60

Extra charge for each extra pair of set screws (Cast Steel Gears)

Up to $29\frac{7}{8}$	\$1.10	\$1.70	\$2.50	\$3.10	\$ 3.60	\$ 4.40	\$ 5.20	\$ 6.40
30- $39\frac{7}{8}$		2.80	3.60	4.20	4.80	5.60	6.40	7.60
40- $47\frac{7}{8}$			6.60	7.20	7.80	8.60	9.40	10.60
48- $59\frac{7}{8}$				8.90	9.50	10.30	11.10	12.30
60- $71\frac{7}{8}$					11.20	12.00	12.80	14.00
72-120					13.20	14.00	14.80	16.00

Jeffrey Gears

Extra Charges on Gears Extra for Set Screws over Keys in Spur Pinions

When necessary to add a Hub to one side of a solid Spur Pinion in order to place the set screw over the key, an extra charge will be made as follows:

Extra for Set Screws over Key in Spur Pinion

Bore Inches	Length of Hub Inches	List Price		Bore Inches	Length of Hub Inches	List Price	
		Cast Iron	Cast Steel			Cast Iron	Cast Steel
$\frac{1}{8}$	$\frac{3}{4}$	\$1.00	\$1.80	$3\frac{7}{16}$	$1\frac{1}{2}$	\$ 6.80	\$12.50
$1\frac{1}{8}$	$\frac{3}{4}$	1.20	2.10	$3\frac{1}{2}$	$1\frac{1}{2}$	7.20	13.50
$1\frac{1}{4}$	$\frac{3}{4}$	1.80	3.00	$4\frac{1}{8}$	$1\frac{1}{2}$	7.80	14.20
$1\frac{1}{2}$	$\frac{3}{4}$	2.00	3.30	$4\frac{1}{2}$	$1\frac{3}{4}$	10.00	18.20
$1\frac{3}{4}$	1	2.80	5.00	$5\frac{1}{8}$	$1\frac{3}{4}$	11.00	19.60
$2\frac{1}{8}$	1	3.00	5.60	$5\frac{1}{2}$	2	13.80	24.40
$2\frac{1}{4}$	$1\frac{1}{4}$	4.20	7.60	$6\frac{1}{8}$	2	14.80	26.00
$2\frac{1}{2}$	$1\frac{1}{4}$	4.60	8.40	$6\frac{1}{2}$	2	16.80	28.80
$2\frac{3}{4}$	$1\frac{1}{4}$	5.00	9.00				

NOTE—The above covers extending the Hub as well as extra for Set Screws.

Extra for Shrouding Cast Iron Spur Pinion

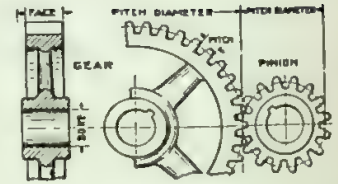
Pitch of Gear, Inches.....	$\frac{1}{2}$ — $\frac{3}{4}$	$\frac{3}{4}$ — $1\frac{1}{4}$	$1\frac{1}{2}$ —2	$2\frac{1}{4}$ —3
Add to list price for single Shroud.....	30%	25%	20%	15%
Add to list price for double Shroud.....	60%	50%	40%	30%



One of the large Gears made in our shops.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth



Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350
1/2" Pitch															
A-18	2.25	14	1	3/8	\$4.30	\$ 8.60	2	.025	.128	.255	.382	.540	.610	.660	.72
A-19	7.00	44	1	1 1/8	7.60	15.20	7	.120	600	.975	1.19	1.40	1.54	1.69	1.83
3/4" Pitch															
A-13	2.43	10	1	3/8	\$ 5.10	\$ 9.60	3	.03	.17	.35	.49	.67	.71	.80	.85
A-14	2.43	10	1 1/8	3/8	5.20	9.80	3 1/2	.05	.28	.56	.79	1.1	1.1	1.3	1.4
A-228	2.43	10	2 3/4	3/8	5.40	10.20	4	.07	.39	.78	1.1	1.5	1.6	1.8	1.9
13507	3.13	13	2	1 1/8	5.70	10.80	6	.10	.53	1.0	1.4	1.7	1.9	2.0	2.2
A-240	3.37	14	2	1 1/8	5.90	11.20	6 1/2	.11	.58	1.1	1.7	2.0	2.2	2.4	2.5
A-20	3.61	15	2 1/4	1 1/8	6.10	11.60	7	.14	.74	1.4	2.0	2.4	2.6	2.8	3.1
A-177	3.84	16	2	1 1/8	6.30	12.00	8	.13	.69	1.6	1.9	2.3	2.5	2.7	2.9
A-11	4.08	17	1 1/2	1 1/8	6.30	12.00	8	.07	.39	1.3	1.5	1.8	2.0	2.2	2.3
A-12	4.08	17	2	1 1/8	6.50	12.20	10	.16	.75	1.7	2.0	2.4	2.6	2.9	3.1
A-287	4.78	20	2	1 1/8	7.40	14.00	14	.20	1.0	1.9	2.4	2.9	3.1	3.4	3.7
A-10	5.75	24	1 1/2	1 1/8	8.10	15.40	15	.19	.98	1.7	2.1	2.5	2.7	3.0	3.2
A-9	5.75	24	2	1 1/8	8.30	15.60	17	.26	1.3	2.2	2.8	3.3	3.6	4.0	4.3
A-7	5.98	25	3/4	1 1/8	7.80	14.80	16	.10	.53	.90	1.0	1.3	1.4	1.5	1.6
A-175	6.45	27	2	1 1/8	9.10	17.20	18	.31	1.5	2.5	3.1	3.6	4.0	4.3	4.7
A-238	6.69	28	2	1 1/8	9.30	17.60	20	.32	1.6	2.6	3.2	3.8	4.1	4.4	4.8
A-236	8.12	34	2	1 1/8	10.60	20.00	22	.41	1.9	3.0	3.7	4.4	4.7	5.2	5.6
A-239	8.60	36	2	1 1/8	11.00	20.80	24	.44	2.2	3.1	3.8	4.5	5.0	5.4	5.8
A-6	10.04	42	1 1/2	1 1/8	12.20	23.20	26	.46	2.1	3.0	3.7	4.4	4.8	5.1	5.6
A-8	11.23	47	2	1 1/8	13.30	25.20	28	.59	2.6	3.8	4.6	5.4	5.9	6.5	7.0
13506	11.94	50	2	1 1/8	13.40	25.40	30	.65	2.8	3.9	4.7	5.6	6.2	6.7	9.6
A-237	13.85	58	2	1 1/8	16.40	31.00	34	.75	3.0	4.3	5.2	6.2	6.8	7.3	7.9
A-5	16.48	69	1 1/2	1 1/8	19.00	36.00	35	.69	2.5	3.5	4.4	5.0	5.6	6.1	6.5
A-4	17.91	75	2	2 1/8	21.60	41.00	38	.98	3.6	5.0	6.2	7.3	8.0	8.7	
A-3	19.58	82	2	2 1/8	23.80	45.20	46	1.1	3.7	5.2	6.3	7.4	8.2	9.0	
A-234	22.20	93	2	2 1/8	27.20	51.60	53	1.3	3.9	5.6	6.8	8.0	8.8		
A-2	23.87	100	1 1/2	2 1/8	28.20	53.60	54	.98	3.1	4.4	5.3	6.2			
A-235	27.93	117	2	2 1/8	35.80	68.00	70	1.6	4.5	6.4	7.8	9.2			
A-1	28.17	118	2	2 1/8	36.20	68.80	75	1.6	4.5	6.4	7.8	9.2			
A-185	31.99	134	1 1/2	2 1/8	40.00	76.00	75	1.3	3.6	5.1	6.2				
1" Pitch															
A-48	3.24	10	2	1 1/8	\$ 6.80	\$12.80	6	.13	.62	1.3	1.8	2.0	2.2	2.5	2.6
A-259	3.24	10	2 1/2	1 1/8	7.00	13.20	8	.15	.90	1.5	2.2	2.5	2.8	3.1	3.3
A-49	3.24	10	3 1/2	1 1/8	7.40	14.00	12	.22	1.1	2.2	3.0	3.6	3.9	4.3	4.6
A-47	3.55	11	2 1/4	1 1/8	7.30	13.80	8	.16	.83	1.6	2.0	2.4	2.6	2.8	3.1
A-43	3.87	12	2 3/4	1 1/8	7.60	14.40	8	.17	.90	1.6	2.0	2.3	2.5	2.8	3.0
A-45	3.87	12	2 1/2	1 1/8	7.70	14.60	9	.19	.98	1.6	2.1	2.5	2.7	2.9	3.1
A-44	3.87	12	2 3/4	1 1/8	7.90	15.00	11	.22	1.1	2.0	2.4	2.8	3.1	3.4	3.7
A-46	3.87	12	2 3/4	1 1/8	7.90	15.00	13	.23	1.2	2.0	2.5	3.0	3.3	3.6	3.8
A-41	4.18	13	2	1 1/8	8.00	15.20	10	.19	.98	1.8	2.2	2.6	2.8	3.1	3.4
A-42	4.18	13	2 3/4	1 1/8	8.30	15.60	15	.25	1.3	2.5	3.0	3.6	3.9	4.3	4.6
A-255	4.49	14	2 1/2	1 1/8	8.60	16.20	14	.25	1.3	2.6	3.2	3.8	4.1	4.6	4.9
A-40	4.81	15	2	1 1/8	8.80	16.60	14	.23	1.1	2.2	2.8	3.3	3.6	3.9	4.3
A-217	5.12	16	2	1 1/8	9.10	17.20	15	.25	1.3	2.4	3.0	3.5	3.8	4.2	4.5
A-39	5.12	16	2 1/4	1 1/8	9.60	18.20	18	.35	1.7	3.3	4.1	4.9	5.3	5.8	6.2
A-293	5.44	17	2 1/2	1 1/8	9.60	18.20	15	.36	1.7	3.2	4.0	4.6	5.1	5.6	6.0
A-38	5.76	18	2 1/2	1 1/8	10.00	19.00	18	.38	1.9	3.5	4.2	5.0	5.4	5.9	6.4

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††Add 10% for approximate weights of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1" Pitch (Continued)

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350
A-47	6.08	19	2	1 1/16	\$10.00	\$19.00	19	.34	1.6	2.9	3.5	4.1	4.6	5.0	5.4
A-36	6.08	19	2 1/4	1 1/16	10.20	19.40	21	.38	1.9	3.2	4.0	4.6	5.1	5.6	6.0
A-35	6.08	19	2 1/4	1 1/16	10.60	20.00	24	.47	2.3	3.9	4.8	5.7	6.2	6.8	7.3
A-223	7.34	23	2 1/2	1 1/16	11.80	22.40	30	.50	2.5	4.1	5.1	6.0	6.8	7.2	7.8
A-34	7.66	24	2 1/4	1 1/16	12.20	23.20	38	.64	3.2	4.8	5.9	6.9	7.7	8.4	9.1
A-176	7.98	25	2 1/2	1 1/16	12.40	23.40	40	.61	3.1	4.5	5.5	6.5	7.1	7.8	8.5
A-33	9.58	30	2	2 1/16	13.40	25.40	30	.62	3.0	4.2	5.2	6.1	6.7	7.3	7.8
A-296	9.89	31	3	2 1/16	15.20	28.80	40	.90	4.5	6.5	7.9	9.4	10.2	11.2	12.0
A-32	9.89	31	2	2 1/16	13.80	26.20	32	.65	3.0	4.3	5.3	6.2	6.7	7.4	8.0
A-31	12.42	39	2	2 1/16	16.60	31.40	43	.83	3.5	5.0	6.2	7.8	8.0	8.7	9.5
A-30	14.02	44	2	2 1/16	18.80	35.60	50	.98	3.9	5.5	6.7	8.0	8.7	9.5	10.3
A-29	15.61	49	2	2 1/16	21.20	40.20	54	1.1	4.2	5.9	7.2	8.6	9.4	10.2	11.0
A-28	15.93	50	2 1/2	2 1/16	22.60	42.80	58	1.4	5.3	7.4	9.2	10.8	11.8	12.9	14.0
A-27	17.84	56	2	2 1/16	24.60	46.60	65	1.3	4.5	6.3	7.8	9.2	10.0	10.8	11.8
A-26	20.06	63	2 1/2	2 1/16	29.60	56.20	80	1.8	6.0	8.6	10.5	12.4	13.5		
A-241	21.97	69	2	2 1/16	31.80	60.40	73	1.6	5.1	7.2	8.8	10.4	11.3		
A-25	23.89	75	2	2 1/16	35.20	66.80	80	1.8	5.5	7.7	9.5	11.2			
60656	23.89	75	2 1/2	2 1/16	36.80	69.80	95	2.1	6.7	9.4	11.6	13.6			
A-24	27.06	85	2 1/2	2 1/16	42.80	81.20	110	2.5	7.1	10.0	12.4	14.6			
A-23	29.93	94	2 1/2	3 1/16	48.20	91.60	125	2.8	7.5	10.6	13.2				
A-22	35.98	113	2	3 1/16	57.80	110.00	135	2.8	6.8	9.5	11.7				
A-21	43.94	138	2	3 1/16	74.20	141.00	155	3.4	7.5	10.6	13.0				

1 1/8" Pitch

20638	3.99	11	3	1 1/16	\$ 8.20	\$15.60	13	.28	1.4	2.8	3.8	4.2	4.9	5.1	5.9
6593	6.18	17	3	1 1/16	10.60	20.00	26	.54	2.7	4.7	5.8	6.5	7.7	8.9	9.4

1 1/4" Pitch

A-81	4.04	10	2 3/4	1 1/16	\$ 9.10	\$17.20	14	.27	1.3	2.7	3.3	3.9	4.3	4.6	5.0
A-80	4.04	10	3 1/2	1 1/16	9.40	17.80	16	.34	1.7	3.5	4.2	4.9	5.5	5.9	6.5
A-270	4.04	10	5 1/2	1 1/16	10.20	19.40	25	.53	2.6	5.4	6.6	7.8	8.5	9.3	10.1
A-79	4.44	11	2 3/4	1 1/16	9.50	18.00	15	.33	1.6	2.8	3.4	4.0	4.4	4.9	5.2
A-273	4.44	11	3 3/4	1 1/16	9.70	18.40	17	.39	1.9	3.3	4.0	4.7	5.2	5.7	6.1
A-195	4.83	12	2 1/2	1 1/16	9.80	18.60	16	.33	1.6	2.6	3.2	3.7	4.1	4.5	4.9
A-77	4.83	12	2 3/4	1 1/16	9.90	18.80	18	.36	1.8	2.8	3.5	4.1	4.6	5.0	5.4
A-76	4.83	12	3 3/4	1 1/16	10.00	19.00	22	.42	2.1	3.4	4.1	4.9	5.4	6.5	6.8
A-78	4.83	12	3 1/2	1 1/16	10.20	19.40	25	.45	2.3	3.7	4.5	5.2	5.8	6.4	6.8
A-75	5.22	13	3	1 1/16	10.20	19.40	22	.44	2.2	3.8	4.6	5.4	6.0	6.5	7.1
A-264	5.62	14	3 1/4	1 1/16	10.80	20.40	26	.53	2.6	4.8	5.9	6.9	7.5	8.3	9.0
A-74	6.01	15	3 3/4	1 1/16	11.40	21.60	28	.61	3.0	5.2	6.3	7.4	8.2	9.0	9.6
17897	6.01	15	5	1 1/16	13.20	25.00	36	.90	4.5	8.0	9.7	11.4	12.6	13.6	14.8
A-192	6.40	16	2 1/2	1 1/16	11.40	21.60	25	.49	2.4	4.2	5.2	6.1	6.8	7.8	8.0
20070	6.81	17	2	1 1/16	11.40	21.60	25	.44	2.2	3.6	4.4	5.2	5.7	6.2	6.8
A-72	6.81	17	3 1/4	1 1/16	12.60	23.80	38	.71	3.5	5.8	7.1	8.4	9.3	10.1	11.0
A-71	7.20	18	2 3/4	1 1/16	12.60	23.80	36	.66	3.3	5.3	6.4	7.5	8.3	9.0	9.7
12322	7.20	18	3 3/4	1 1/16	13.40	25.40	41	.81	4.0	6.3	8.2	9.6	10.6	11.5	12.5
A-70	7.20	18	4 1/2	1 1/16	14.40	27.20	50	1.04	5.2	8.1	10.5	12.4	13.6	14.8	16.1
A-69	7.99	20	2 3/4	2 1/16	13.80	26.20	42	.74	4.0	5.7	7.1	8.8	9.1	10.0	10.8
A-68	7.99	20	3 3/4	2 1/16	14.20	27.00	50	.93	4.8	6.8	8.4	9.8	10.8	11.8	12.8
A-204	8.39	21	3	2 1/16	14.60	27.60	50	.92	4.6	6.5	8.0	9.5	10.4	11.3	12.3
A-67	9.18	23	3 1/4	2 1/16	16.00	30.40	60	1.1	5.4	7.6	9.4	11.1	12.2	13.3	14.4
12324	9.18	23	3 3/4	2 1/16	16.40	31.00	63	1.2	5.7	8.1	10.0	11.8	12.9	14.1	15.3
A-200	9.58	24	5	2 1/16	19.40	36.80	100	1.8	8.5	12.4	15.0	17.6	19.5	21.2	23.0

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. †R. P. M. Limit for Cut Teeth.

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1 1/4" Pitch (Continued)

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350
A-66	9.98	25	3 3/4	2 1/4	\$17.20	\$32.60	65	1.2	5.8	8.2	10.0	11.8	13.0	14.3	15.3
A-65	10.37	26	3	2 1/4	17.40	33.00	65	1.2	5.5	7.9	9.6	11.4	12.5	13.7	14.8
12325	10.37	26	3 1/2	2 1/4	18.20	34.60	68	1.4	6.4	9.2	11.2	13.3	14.6	16.0	17.2
A-64	11.95	30	3	2 1/2	19.60	37.20	64	1.5	6.2	8.8	10.8	12.7	14.0	15.3	16.4
A-193	12.75	32	2 1/2	2 1/2	19.80	37.60	60	1.3	5.4	7.7	9.4	11.1	12.2	13.4	14.4
12323	12.75	32	3 1/2	2 1/2	21.80	41.40	70	1.8	7.6	10.8	13.2	15.6	17.0	18.8	20.0
A-249	13.94	35	3 1/2	2 1/2	23.00	43.60	75	1.9	7.5	10.6	13.0	15.3	16.8	18.4	19.8
A-194	14.34	36	2 1/2	2 1/2	21.80	41.40	70	1.5	5.9	8.3	10.2	12.0	13.2	14.5	15.6
A-182	14.34	36	3	2 1/2	23.00	43.60	72	1.8	7.1	10.0	12.2	14.4	15.8	17.4	18.7
A-63	14.74	37	3	2 1/2	23.80	45.20	75	1.9	7.2	10.2	12.4	14.7	16.1	17.7	19.0
A-62	15.93	40	3	2 1/2	25.80	49.00	85	2.0	7.6	10.7	13.1	15.4	17.0	18.6	20.0
A-269	15.93	40	5	2 1/2	31.60	60.00	110	3.4	12.6	17.9	21.8	25.7	28.4	31.0	33.5
A-60	16.33	41	2 1/2	2 1/2	25.20	47.80	75	1.8	6.4	9.1	11.1	13.1	14.4	15.7	17.0
A-61	16.33	41	4 1/2	2 1/2	30.80	58.40	100	3.2	11.6	16.4	20.0	23.6	26.0	28.5	30.6
A-184	17.91	45	3	2 1/2	29.60	56.20	100	2.4	8.2	11.7	14.2	16.8	18.4	20.2	†
A-59	19.91	50	3	3 1/4	33.00	62.60	110	2.7	8.8	12.5	15.2	17.9	19.7	.....	.....
A-58	23.88	60	3	3 1/4	40.60	77.00	140	3.3	9.8	13.8	16.9	20.0	.....	.....	.....
A-224	25.09	63	3	3 1/4	43.20	82.00	145	3.4	10.1	14.3	17.5	20.6	.....	.....	.....
A-298	25.09	63	4 1/2	3 1/4	49.20	93.40	175	5.1	15.2	21.5	26.3	30.9	.....	.....	.....
A-57	27.46	69	3	3 1/4	48.80	92.60	155	3.8	10.7	15.0	18.3	21.5	.....	.....	.....
A-250	27.86	70	3 1/2	3 1/4	51.00	96.80	165	4.2	11.5	16.3	20.0	23.5	.....	.....	.....
A-56	29.83	75	3	3 1/2	54.20	103.00	180	4.1	11.5	15.8	19.3	.....	.....	.....	.....
A-55	31.84	80	3	3 1/2	58.60	111.00	190	4.4	12.0	16.4	20.0	.....	.....	.....	.....
A-54	35.42	89	3	3 1/2	67.60	128.00	220	4.9	13.1	17.4	21.3	.....	.....	.....	.....
A-53	35.81	90	2 1/2	3 1/2	65.80	125.00	205	4.2	11.2	14.6	17.8	.....	.....	.....	.....
A-52	35.81	90	3	3 1/2	68.60	130.00	220	5.0	13.4	17.4	21.3	.....	.....	.....	.....
A-202	38.60	97	3	3 1/2	76.40	145.00	260	5.4	14.0	18.2	.....	.....	.....	.....	.....
A-51	48.15	121	2 1/2	4 1/4	96.80	184.00	265	5.3	11.8	17.3	.....	.....	.....	.....	.....
A-229	48.15	121	3	4 1/4	101.00	192.00	360	6.4	14.7	20.7	.....	.....	.....	.....	.....
A-268	49.35	124	3 1/2	4 1/4	107.00	203.00	400	7.7	17.4	24.5	.....	.....	.....	.....	.....
A-199	52.53	132	5	4 1/4	127.00	241.00	500	10.5	25.5	36.1	.....	.....	.....	.....	.....
5A-0	54.12	136	2 1/2	4 1/4	111.00	210.00	300	5.4	13.0	18.4	.....	.....	.....	.....	.....
A-201	54.51	137	5	4 1/4	132.00	251.00	570	10.9	26.0	37.0	.....	.....	.....	.....	.....

1 1/2" Pitch

A-115	3.92	8	2 1/2	1 1/4	\$10.20	\$19.40	15	.31	1.5	2.7	3.3	4.0	4.3	4.7	5.1
A-116	3.92	8	5	1 1/4	11.00	20.80	24	.56	2.8	5.0	6.1	7.2	7.8	8.6	9.2
A-114	4.85	10	4 1/2	1 1/2	12.00	22.80	25	.68	3.4	5.8	7.1	8.5	9.2	10.0	11.0
A-113	5.32	11	3 1/2	1 1/2	11.80	22.40	25	.54	2.7	4.3	5.3	6.3	6.8	7.5	8.1
A-258	5.32	11	4 1/2	1 1/2	12.60	23.80	30	.75	3.7	6.2	7.6	9.0	9.8	10.8	11.6
A-191	5.32	11	5	1 1/2	13.00	24.60	35	.83	4.1	6.7	8.2	9.7	10.6	11.6	12.5
A-112	5.79	12	4 1/2	1 1/2	13.20	25.00	32	.79	4.0	6.2	7.6	9.0	9.8	10.8	11.6
A-111	6.27	13	4	1 1/2	13.60	25.80	35	.84	4.2	6.6	8.1	9.6	10.5	11.5	12.4
A-109	6.75	14	4	2 1/4	14.40	27.20	42	.93	4.6	7.7	9.5	11.2	12.2	13.3	14.4
A-110	6.75	14	5	2 1/4	15.40	29.20	60	1.1	5.5	9.7	11.8	14.0	15.3	16.7	18.0
A-108	7.22	15	4 1/2	2 1/4	15.60	29.60	52	1.2	5.9	9.4	11.5	13.6	14.8	16.2	17.5
A-107	7.22	15	4 1/2	2 1/4	15.80	30.00	60	1.3	6.2	9.9	12.1	14.4	15.6	17.0	18.4
A-214	7.22	15	5	2 1/4	16.20	30.80	65	1.3	6.5	10.4	12.8	15.1	16.5	18.0	19.4
A-106	7.69	16	5	2 1/4	17.00	32.20	72	1.4	7.1	11.2	13.7	16.2	17.6	19.4	20.7
A-104	8.16	17	4	2 1/4	16.60	31.40	60	1.2	6.7	9.5	11.6	13.8	15.0	16.4	17.7
A-105	8.16	17	4 1/2	2 1/4	17.20	32.60	72	1.4	7.5	10.7	13.1	15.5	16.8	18.4	19.8
A-103	9.11	19	4	2 1/4	18.00	34.20	80	1.6	7.5	10.5	12.9	15.3	16.6	18.2	19.6
A-102	9.59	20	4	2 1/2	18.60	35.20	90	1.7	7.8	11.0	13.5	16.0	17.4	19.1	20.5
A-279	9.59	20	4 1/2	2 1/2	20.00	38.00	110	2.0	9.3	13.1	16.0	19.0	20.7	22.7	24.4
A-100	10.06	21	3 1/2	2 1/2	18.40	35.00	90	1.5	7.1	10.1	12.4	14.6	16.0	17.5	18.8

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. †R. P. M. Limit for Cut Teeth.

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

1½" Pitch (Continued)

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		†† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350
A-101	10.06	21	4¼	2 ½	\$20.00	\$38.00	100	1.9	8.7	12.3	15.0	17.8	19.4	21.2	22.9
A-99	10.54	22	4	2 ½	20.00	38.00	95	1.9	8.5	12.1	14.8	17.5	19.1	21.0	22.5
A-98	11.49	24	4	2 ½	21.80	41.40	100	2.1	9.2	13.0	15.9	18.8	20.5	22.5	24.2
A-97	11.49	24	4¼	2 ½	23.00	43.60	112	2.4	10.3	14.6	17.8	21.0	23.0	25.2	27.0
A-96	11.49	24	5	2 ½	24.20	46.00	125	2.6	11.4	16.2	19.8	23.5	25.5	28.0	30.0
A-95	12.44	26	5	2 ½	26.40	50.00	130	2.9	12.2	17.2	21.1	25.0	27.2	30.0	32.0
A-263	12.46	26	6	2 ½	29.20	55.40	180	3.5	14.6	20.7	25.3	30.0	32.7	35.8	38.5
A-253	12.92	27	4¼	2 ½	26.20	49.80	120	2.8	11.3	16.0	19.5	23.1	25.2	27.5	29.6
A-94	13.39	28	4	2 ½	25.80	49.00	115	2.6	10.3	14.6	17.9	21.2	23.0	25.2	27.2
A-262	13.84	29	5½	2 ½	31.20	59.20	170	3.7	14.5	20.6	25.2	30.0	32.5	35.6	38.2
A-181	14.35	30	4	2 ½	28.00	53.20	122	2.7	10.9	15.4	18.9	22.4	24.4	26.7	28.7
A-93	16.26	34	3½	3 ½	30.20	57.20	110	2.8	10.4	14.8	18.1	21.4	23.3	25.5	27.5
A-230	16.26	34	5	3 ½	35.60	67.60	140	4.0	14.9	21.0	25.9	30.6	33.4	36.5	39.2
A-92	16.75	35	4¼	3 ½	35.00	66.40	145	3.8	13.6	19.3	23.6	28.0	30.5	33.4	
A-299	17.20	36	2¾	3 ½	29.80	56.60	111	2.4	8.9	11.8	14.2	16.6	17.6	21.3	
A-117	18.16	38	4½	3 ½	38.00	72.20	155	4.2	14.5	20.5	25.1	29.8	32.5	35.5	
A-186	19.11	40	4¼	3 ½	40.20	76.40	165	4.4	15.0	21.3	26.0	30.7	33.5		
A-91	20.07	42	4	3 ½	40.20	76.40	145	4.2	13.8	19.4	23.8	28.2	30.7		
A-178	21.02	44	4¼	3 ½	44.40	84.20	170	5.0	16.0	22.7	27.8	33.0	36.0		
A-90	21.98	46	4	3 ½	44.40	84.20	162	4.7	14.7	20.7	25.5	30.0	32.8		
A-88	23.89	50	3½	3 ½	46.40	88.00	160	4.5	13.5	19.2	23.5	27.7			
A-89	23.89	50	4	3 ½	49.00	93.00	170	5.1	15.5	22.0	26.9	31.8			
A-265	26.25	55	4¼	3 ½	57.80	110.00	220	6.4	18.4	26.0	31.9	37.6			
A-87	28.18	59	4¼	3 ½	62.80	119.00	250	6.9	19.2	27.1	33.2	39.3			
A-210	30.09	63	4¼	4 ½	68.00	129.00	270	7.4	20.0	28.3	34.7				
A-254	30.56	64	4¼	4 ½	69.40	132.00	280	7.5	20.2	28.6	35.0				
A-86	32.00	67	4	4 ½	69.40	132.00	270	7.0	18.4	26.0	31.8				
A-85	35.82	75	4	4 ½	79.40	151.00	310	7.9	19.8	28.0	34.3				
A-213	35.82	75	5	4 ½	87.80	167.00	350	10.0	24.7	35.0	43.0				
A-257	37.25	78	4	4 ½	83.60	159.00	340	8.3	20.0	28.3	34.6				
A-84	40.12	84	4	4 ½	94.00	178.00	360	9.3	21.0	29.5					
A-280	40.12	84	4¼	4 ½	98.80	187.00	420	10.5	23.5	33.4					
A-83	47.76	100	4¼	4 ½	128.00	243.00	500	11.5	26.0	36.6					
A-82	48.71	102	3½	4 ½	119.00	226.00	440	9.2	20.6	29.2					
A-272	49.66	104	4¼	4 ½	135.00	256.00	550	12.0	26.5	38.0					
A-294	55.87	117	4¼	4 ½	163.00	309.00	575	12.7	28.5	40.2					
A-246	60.16	126	4¼	5 ½	179.00	340.00	650	13.2	29.6						

1¾" Pitch

A-284	4.57	8	5	1 ½	\$13.60	\$25.80	40	.77	3.8	6.3	7.7	9.1	9.9	10.9	11.7
A-145	6.22	11	5½	2 ½	16.20	30.80	52	1.3	6.5	9.5	11.6	13.7	15.0	16.4	17.6
A-144	6.77	12	5½	2 ½	17.20	32.60	55	1.4	7.0	9.6	11.8	13.8	15.1	16.6	17.8
A-288	6.77	12	6	2 ½	17.80	33.80	65	1.5	7.5	10.4	12.8	15.1	16.5	18.1	19.4
A-146	7.31	13	6¼	2 ½	19.40	36.80	80	1.8	9.2	13.0	16.0	18.8	20.6	22.6	24.3
A-143	7.86	14	6	2 ½	20.00	38.00	85	1.9	10.3	14.6	18.0	21.1	23.1	25.3	27.2
A-142	8.42	15	5½	2 ½	21.20	40.20	80	1.9	10.2	14.4	17.7	20.8	22.8	25.0	26.8
A-141	8.42	15	6¾	2 ½	22.60	42.80	100	2.2	11.8	16.8	20.5	24.2	26.5	29.0	31.0
A-140	8.97	16	6	2 ½	23.40	44.40	95	2.3	12.0	17.0	20.7	24.5	26.7	29.2	31.5
A-139	10.08	18	5½	2 ½	25.20	47.80	110	2.6	12.3	17.4	21.3	25.1	27.5	30.1	32.4
A-283	10.64	19	5½	2 ½	26.60	50.40	125	2.8	12.9	18.3	22.4	26.4	28.9	31.6	34.0
A-138	10.64	19	6¾	2 ½	28.80	54.60	140	3.3	15.0	21.2	26.0	30.6	33.5	36.7	39.5
A-188	11.18	20	5½	2 ½	28.00	53.20	140	3.1	13.5	19.2	23.5	27.6	30.2	33.2	35.6
A-137	11.75	21	5¼	2 ½	28.60	54.20	150	3.2	13.5	19.2	23.5	27.6	30.2	33.2	35.5
A-148	12.29	22	6	3 ½	32.60	61.80	180	3.8	16.2	22.8	28.0	33.0	36.9	39.5	42.5

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. ††R. P. M. Limit for Cut Teeth.

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

13/4" Pitch (Continued)

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350
A-190	13.40	24	6	3 1/8	\$35.80	\$68.00	200	4.3	17.3	24.5	30.0	35.3	38.6	42.4	45.6
A-136	13.96	25	6	3 1/8	37.40	71.00	210	4.5	17.9	25.2	31.0	36.5	40.0	43.7	47.0
A-135	14.52	26	5 1/2	3 1/8	37.20	70.60	180	4.4	16.9	24.0	29.4	34.5	37.8	41.5	44.5
A-134	16.19	29	5	3 1/8	40.00	76.00	190	4.5	16.7	23.6	29.0	34.1	37.4	41.0	44.0
A-133	18.41	33	5 1/2	3 1/8	48.40	92.00	225	5.8	21.1	30.0	36.6	43.0	47.2	51.8	
A-295	20.08	36	4	3 1/8	45.40	86.20	185	4.7	15.7	22.3	27.2	32.0	35.0		
A-132	20.08	36	5	3 1/8	50.60	96.00	220	5.9	19.6	27.7	34.0	40.0	43.7		
A-131	22.30	40	6	4 1/8	62.80	119.00	265	8.1	25.2	35.7	43.8	51.6	56.5		
A-130	23.42	42	5	4 1/8	60.00	114.00	240	7.2	21.6	30.7	37.6	44.2			
A-129	25.64	46	5 1/2	4 1/8	70.00	133.00	300	8.7	25.5	36.0	44.0	52.0			
A-266	26.76	48	5 1/2	4 1/8	73.60	140.00	330	9.1	26.2	37.1	45.6	53.7			
A-128	27.87	50	5 1/2	4 1/8	77.00	146.00	360	9.5	26.7	37.8	46.5	54.5			
A-127	31.76	57	5	4 1/8	85.60	162.00	375	10.0	26.4	37.5	45.7				
A-126	32.88	59	5 1/2	4 1/8	93.80	178.00	400	11.5	29.5	41.8	51.2				
A-125	36.23	65	5	4 1/8	100.00	190.00	420	11.6	28.5	40.4	49.5				
A-124	36.23	65	5 1/2	4 1/8	105.00	199.00	440	12.8	31.4	44.5	54.5				
A-123	36.78	66	5 1/2	4 1/8	107.00	203.00	460	12.9	31.5	44.5	54.8				
A-122	39.57	71	5 1/2	4 1/8	118.00	224.00	510	14.6	32.7	46.5					
A-121	41.24	74	6	5 1/8	131.00	249.00	600	16.4	36.9	52.0					
A-147	48.47	87	5 1/2	5 1/8	161.00	306.00	700	16.4	37.0	52.2					
A-187	50.14	90	5	5 1/8	164.00	311.00	640	15.2	34.0	48.2					
A-120	53.49	96	5	5 1/8	181.00	344.00	700	15.8	35.5	50.0					
A-256	60.18	108	5	5 1/8	212.00	403.00	850	17.0	38.0						
20806	64.62	116	5 1/2	5 1/8	241.00	458.00	1000	19.4	43.5						
A-119	67.96	122	5 1/2	6 1/8	251.00	477.00	1100	19.0	43.0						

2" Pitch

A-274	7.73	12	4 1/4	2 1/8	\$20.60	\$37.00	75	1.6	7.1	10.0	12.4	14.6	16.0	17.5	18.8
A-158	7.73	12	5 1/4	2 1/8	21.60	38.80	80	1.8	8.2	12.6	14.3	16.9	18.5	20.3	21.8
A-159	8.36	13	6 1/4	2 1/8	24.80	44.60	100	2.4	11.5	16.2	19.9	23.5	25.7	28.1	30.4
A-157	8.99	14	4	2 1/8	23.00	41.40	80	1.7	8.4	11.8	14.6	17.2	18.8	20.6	22.3
A-161	8.99	14	6 1/2	2 1/8	27.00	48.60	110	2.7	13.7	19.2	23.7	28.0	30.5	33.5	36.0
20808	9.62	15	5	2 1/8	26.40	47.40	110	2.3	11.4	16.0	19.7	23.2	25.4	27.8	30.0
A-156	9.62	15	6 1/2	2 1/8	29.00	52.20	135	3.0	14.7	20.7	25.5	30.1	33.0	36.1	39.0
A-155	10.25	16	6 1/2	3 1/8	31.40	56.40	145	3.3	15.8	22.2	27.3	32.2	35.2	38.7	41.6
A-216	11.51	18	6 1/2	3 1/8	35.60	64.00	175	3.9	17.8	25.0	30.8	36.3	39.7	43.6	47.0
A-154	12.15	19	6 1/2	3 1/8	38.00	68.40	205	4.4	18.6	26.2	32.3	38.0	41.6	45.7	49.2
A-290	12.79	20	6 1/2	3 1/8	41.20	74.00	230	4.9	20.2	28.5	35.0	41.2	45.2	49.5	53.5
A-189	13.41	21	6 1/2	3 1/8	42.20	76.00	230	5.0	20.0	28.2	34.7	41.0	44.7	49.0	53.0
A-231	14.69	23	6 1/2	3 1/8	47.40	85.20	250	5.7	22.0	31.1	38.3	45.1	49.3	54.2	58.5
A-197	15.30	24	6	3 1/8	47.40	85.20	240	5.6	21.0	29.7	36.5	43.0	47.0	50.8	55.8
A-227	15.95	25	6	3 1/8	49.60	89.20	250	5.9	21.7	30.6	37.6	44.5	48.6	53.2	57.5
A-153	16.59	26	6 1/2	3 1/8	54.40	98.00	280	6.7	24.3	34.3	42.2	49.7	54.5	59.8	64.3
A-152	21.67	34	6 1/2	4 1/8	74.00	133.00	340	9.3	29.9	42.1	51.9	61.0			
A-226	23.58	37	6	4 1/8	78.20	140.00	360	9.5	29.3	41.3	50.8	60.0			
A-245	29.30	46	6	4 1/8	99.80	179.00	420	12.4	33.8	47.6	58.7				
A-275	31.85	50	4	5 1/8	92.00	165.00	400	8.4	23.7	33.5	41.2				
29524	31.85	50	6	5 1/8	110.00	198.00	480	12.6	36.0	50.2	61.8				
A-151	33.76	53	6	5 1/8	118.00	212.00	520	14.4	36.8	52.0	63.9				
20627	36.94	58	6	5 1/8	131.00	236.00	540	16.1	39.1	55.0	68.0				
A-278	37.57	59	6	5 1/8	134.00	241.00	580	16.4	39.3	55.2	68.1				
A-248	41.39	65	6	5 1/8	149.00	268.00	640	18.6	41.7	58.9					
A-232	45.21	71	6	5 1/8	165.00	297.00	710	19.5	43.6	61.5					
A-150	48.41	76	6	5 1/8	183.00	329.00	740	20.3	45.6	64.2					
A-225	51.58	81	6	6 1/8	202.00	363.00	860	21.2	47.2	66.5					
A-196	52.85	83	6	6 1/8	210.00	378.00	900	21.4	48.0	67.5					
A-297	57.30	90	6	6 1/8	235.00	423.00	950	22.3	50.1	70.8					
A-149	60.49	95	6	6 1/8	253.00	455.00	1020	23.0	51.5						
A-215	64.30	101	6	6 1/8	273.00	491.00	1150	24.0	53.8						
A-160	71.94	113	6	6 1/8	309.00	556.00	1325	25.6	57.3						

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††And 10% for approximate weight of Cast Steel Gears.

Jeffrey Spur Gears

List Prices for Cast Iron and Steel, Cast Teeth

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		† Approx. Weight Lbs.	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel		Revolutions per Minute							
								10	50	100	150	200	250	300	350

2 1/4" Pitch

A-260	10.11	14	7 1/2	3 1/8	\$37.20	\$65.00	200	3.9	18.8	26.5	32.5	38.5	42.0	46.0	50.0
A-286	15.81	22	7 1/2	3 1/8	63.00	110.00	350	8.0	29.3	41.5	50.8	60.0	65.8	72.0	78.0
20807	38.70	54	7	5 1/8	160.00	280.00	700	23.2	52.0	73.5	...	...	...	...	...
A-269	47.29	66	5 1/2	5 1/8	174.00	304.00	725	20.5	46.0	65.0	...	...	...	...	...
A-267	48.00	67	7	6 1/8	202.00	353.00	1100	26.4	59.0	83.5	...	...	...	...	...
A-261	78.07	109	7	6 1/8	386.00	675.00	1950	35.0	78.5	...	...	...	...	...	...

2 1/2" Pitch

A-292	9.65	12	6 1/2	3 1/8	\$34.40	\$60.20	225	3.4	13.6	19.3	23.6	28.0	30.5	33.5	36.0
A-165	11.23	14	7 1/2	3 1/8	43.60	76.20	250	4.8	22.0	31.2	38.0	45.0	49.3	54.0	58.2
A-289	11.23	14	8	3 1/8	45.00	78.60	265	5.5	23.5	33.3	40.6	48.2	52.7	57.7	62.1
A-163	12.02	15	6 3/4	3 1/8	44.60	78.00	245	4.9	21.4	30.3	37.0	44.0	48.0	52.5	56.6
A-285	12.00	15	7 3/4	3 1/8	47.80	83.60	265	5.6	24.5	34.7	42.5	50.3	55.0	60.0	65.0
A-291	12.00	15	8	3 1/8	48.60	85.00	270	5.8	25.3	35.8	43.9	52.0	56.8	62.0	67.0
A-277	14.30	18	8	4 1/8	59.80	104.00	350	7.5	30.6	43.3	53.0	62.6	68.5	75.0	81.0
A-167	16.77	21	6 3/4	4 1/8	61.80	108.00	350	8.0	28.6	40.5	49.5	58.6	64.0	70.0	...
A-243	19.15	24	7 1/2	4 1/8	78.00	136.00	425	10.9	37.0	52.0	63.8	75.5	82.5	...	...
A-164	42.99	54	7	6 3/8	193.00	337.00	1000	27.1	61.0	86.0	...	...	...	...	...
A-166	46.17	58	6	6 1/8	196.00	343.00	975	24.4	54.6	77.0	...	...	...	...	...
A-242	60.50	76	7 1/2	7 1/8	315.00	551.00	1600	35.5	80.0	...	...	...	...	...	...
A-276	71.63	90	7 1/2	8	398.00	696.00	1850	39.0	87.5	...	...	...	...	...	...

2 3/4" Pitch

A-244	8.89	10	8	3 1/8	\$42.00	\$73.40	175	3.8	18.2	26.7	31.6	37.2	41.0	44.7	48.0
A-179	10.62	12	8 1/2	3 1/8	51.20	89.60	200	5.4	20.5	29.0	35.7	42.0	46.4	50.5	54.4
A-282	11.48	13	8 1/2	3 1/8	55.40	97.00	300	5.7	24.6	34.8	43.0	50.5	55.5	60.5	65.1
A-171	12.35	14	8 1/2	3 1/8	59.60	104.00	320	6.6	28.7	40.6	50.0	59.0	65.0	71.0	76.1
A-247	13.22	15	8	3 1/8	62.00	108.00	330	6.9	29.2	41.3	51.8	60.0	66.0	72.0	77.4
A-207	15.84	18	8	4 1/8	75.00	131.00	360	9.2	35.2	50.0	61.2	72.0	79.5	86.5	93.3
A-169	19.32	22	8	4 1/8	95.00	166.00	450	12.6	42.2	60.0	73.5	86.5	95.5	...	...
A-183	28.03	32	8 1/2	5 1/8	150.00	262.00	975	20.4	60.2	85.5	105.0	124.0	...	...	...
A-206	38.54	44	8	5 1/8	206.00	360.00	1050	31.5	70.5	100.0	...	...	...	...	...
A-180	48.17	55	8	7 1/2	263.00	460.00	1250	36.0	80.5	114.0	...	...	...	...	...
A-168	57.79	66	8	8	328.00	574.00	1500	40.3	90.0	...	...	...	...	...	...
A-281	66.50	76	8	8	394.00	689.00	1900	43.7	97.5	...	...	...	...	...	...
A-170	74.42	85	8	8 1/2	476.00	833.00	2100	46.5	104.0	...	...	...	...	...	...

3" Pitch

20561	9.71	10	9	3 1/8	\$55.00	\$ 96.20	325	5.5	23.3	33.0	40.5	48.0	52.0	57.0	61.8
A-174	14.43	15	9 1/2	4 1/8	83.40	146.00	500	9.8	39.5	56.0	68.5	81.1	88.5	97.0	104.0
A-198	22.98	24	9 1/2	5 1/8	139.00	243.00	850	19.9	61.1	87.0	106.0	126.0	...	...	...
A-212	26.79	28	9	6 1/8	163.00	285.00	1000	23.1	65.3	92.8	114.0	134.0	...	...	...
A-211	40.14	42	9	7 1/2	280.00	490.00	1400	39.0	87.0	124.0	...	...	...	...	...
A-173	84.05	88	9	9 1/2	706.00	1235.00	3200	61.0	136.0	...	...	...	...	...	...
20560	95.51	100	9	10	826.00	1445.00	4000	65.3	146.0	...	...	...	...	...	...

4" Pitch

A-221	16.71	13	12 3/4	5 1/8	On Application	On Application	875	19.0	65.0	92.0	112.0	133.0	145.0	159.0	...
A-233	19.23	15	12 1/2	5 1/8			950	22.9	80.0	113.0	138.0	164.0	179.0	...	...
A-220	24.30	19	12	6 1/8			1000	24.0	97.5	137.0	168.0	200.0	...	...	...
A-209	30.64	24	12	7 1/2			1350	44.7	120.0	169.0	207.0	...	...	...	...
A-208	71.34	56	12	11			4000	96.0	215.0	...	...	...	...	...	...
A-219	84.06	66	12	12			5100	106.0	237.0	...	...	...	...	...	...
A-252	108.25	85	12	13			6800	123.0	275.0	...	...	...	...	...	...

*Multiply Horse Power by 2.0 for Cast Iron—Cut Teeth.

Multiply Horse Power by 2.5 for Cast Steel—Cast Teeth.

Multiply Horse Power by 5.0 for Cast Steel—Cut Teeth.

†R. P. M. Limit for Cast Teeth. ‡R. P. M. Limit for Cut Teeth.

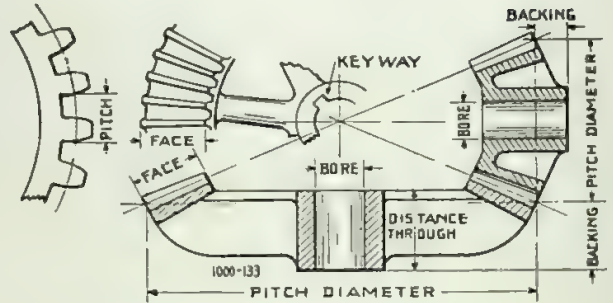
NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

One Keyseat with Set Screw (when required) included in List Price.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth



Bevel Gears run in pairs only as listed

List Prices

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth*								
						Cast Iron	Cast Steel			Revolutions per Minute								
										10	50	100	150	200	250	300	350	
1/2" Pitch																		
6138	5.10	32	3/4		1 1/2	\$ 6.40	\$12.80	3	4	.023	.115	.23	.35	.40	.47	.53	.57	
6139	2.56	16	3/4	2.00	3/4	3.50	7.00	1 1/4	1 1/2									

1/2" Pitch

6138	5.10	32	3/4	2.00	1 1/2	\$ 6.40	\$12.80	3	4	.023	.115	.23	.35	.40	.47	.53	.57
6139	2.56	16	3/4		5/8	3.50	7.00	1 1/4	1 1/2								

3/4" Pitch

B-111	12.18	51	2 1/4	3.00	1 1/2	\$17.80	\$33.80	7 3/8	28	.14	.70	1.4	1.8	2.2	2.5	2.6	3.0
B-112	4.08	17	2 1/4		1 1/2	6.40	12.00	1 3/8	8								
B-109	14.09	59	2	3.93	1 1/2	20.20	38.40	9 3/8	30	.11	.55	1.1	1.4	1.6	1.9	2.0	2.3
B-110	3.61	15	2		3/4	5.70	10.80	1 3/8	6								
B-1	16.00	67	1 3/4	3.94	1 1/2	22.80	43.20	12	37	.12	.60	1.2	1.5	1.8	2.1	2.2	2.5
B-2	4.08	17	1 3/4		1 1/4	6.20	11.80	2 3/4	6								

1" Pitch

B-21	7.66	24	2	2.00	1 1/2	\$11.30	\$21.40	3 3/4	23	.12	.63	1.2	1.6	1.9	2.2	2.3	2.6
B-22	3.86	12	2		3/4	6.80	12.80	1 3/8	6								
B-19	7.66	24	2	1.85	1 1/2	11.30	21.40	3 3/8	23	.15	.75	1.5	1.9	2.2	2.6	2.7	3.1
B-20	4.18	13	2		3/4	7.20	13.60	1 5/8	8								
B-23	9.88	31	2	2.06	1 1/2	14.60	27.60	5 1/8	30	.19	.95	1.7	2.1	2.6	3.2	3.3	3.6
B-24	4.81	15	2		1 1/2	8.00	15.20	2 3/8	9								
B-145	9.88	31	2	1.63	1 1/2	14.60	27.60	5 3/8	30	.28	1.4	2.4	2.9	3.4	4.0	4.2	4.7
B-146	6.07	19	2		1 1/4	9.40	17.80	2 3/8	16								
B-17	11.79	37	2 1/2	3.08	1 1/2	18.20	34.60	6 3/8	32	.16	.80	1.6	2.1	2.5	2.9	3.0	3.4
B-18	3.86	12	2 1/2		3/4	7.00	13.20	1 5/8	7								
20659	12.75	40	2 3/4	1.73	1 1/2	20.00	38.00	7 3/8	34								
20660	7.34	23	2 3/4		1 1/2	11.40	21.60	3 3/4	24	.46	2.3	3.4	4.1	5.3	5.7	6.2	6.3
B-15	16.24	51	2	2.13	2 1/4	25.40	48.20	11 3/8	40	.42	2.1	3.1	3.7	4.8	5.2	5.6	6.2
B-16	7.66	24	2		1 1/2	11.30	21.40	4 1/8	23								
B-13	17.83	56	2 1/2	2.95	2 1/4	29.00	55.00	12 1/8	60	.36	1.8	3.1	3.9	4.2	5.3	5.9	
B-14	6.08	19	2 1/2		1 1/4	9.80	18.60	3 3/4	17								
B-11	20.38	64	2	4.00	2 1/4	31.80	60.40	16	62	.23	1.1	2.1	2.6	3.2	3.6		
B-12	5.13	16	2		1 1/4	8.30	15.60	3	11								
432	24.20	76	2 1/2	4.00	2 1/2	40.00	76.00	19	86	.37	1.8	3.1	3.9	4.6			
433	6.08	19	2 1/2		1 1/4	9.80	18.60	3 3/4	17								
B-117	27.06	85	2 1/2	6.54	2 1/2	45.40	86.20	21 3/8	105	.21	1.0	2.1	2.7	3.2			
B-118	4.18	13	2 1/2		1 1/2	7.40	14.00	2 3/8	9								
15865	28.97	91	2 1/2	6.06	2 1/2	50.00	95.00	23 3/8	120	.30	1.5	2.7	3.3				
64834	4.81	15	2 1/2		1 1/4	8.40	16.00	2 3/4	11								

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower Rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth

Bevel Gears run in pairs only as listed
List Prices

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Propor- tion	Max. Bore Regular Price	List Prices		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth*							
						Cast Iron	Cast Steel			Revolutions per Minute							
										10	50	100	150	200	250	300	350

1 1/4" Pitch

B-133	9.58	24	3	1.50	1 1/8	\$16.20	\$30.80	3 1/2	48	.46	2.3	3.7	4.9	5.6	6.4	7.0	7.3
B-134	6.41	16	3		1 1/8	11.40	21.60	2 1/2	24								
B-137	11.96	30	3	2.00	2 1/8	20.80	39.40	5 3/4	56	.42	2.1	3.6	4.4	5.2	6.0	6.7	7.0
B-138	6.01	15	3		1 1/8	10.80	20.40	2 1/2	20								
B-101	11.96	30	3	1.50	2 1/8	20.80	39.40	5 1/2	56	.69	3.4	5.2	6.2	7.9	8.6	9.3	10.2
B-102	7.99	20	3		1 1/8	13.60	25.80	3 3/4	32								
B-99	15.53	39	3	3.00	2 1/8	27.80	52.80	8 1/2	68	.36	1.8	3.0	4.0	4.8	5.3	5.9	6.2
B-100	5.22	13	3		1 1/8	9.70	18.40	2 1/2	14								
B-129	16.33	41	3	1.40	2 1/8	29.20	55.40	10 3/4	80	1.2	5.3	7.4	9.8	11.2	12.4	14.0	15.1
B-130	11.96	30	3		2 1/8	20.80	39.40	7	56								
B-43	16.72	42	3	3.82	2 1/8	29.80	56.60	9 1/2	84	.29	1.4	2.9	3.7	4.4	5.1	5.3	
B-44	4.44	11	3		1 1/8	8.80	16.60	1 1/2	12								
B-135	17.92	45	3	3.00	2 1/8	32.20	61.20	11 1/2	90	.44	2.2	3.7	4.6	5.5	6.3	6.9	
B-136	6.01	15	3		1 1/8	10.80	20.40	3	20								
B-41	17.92	45	3	1.96	2 1/8	32.20	61.20	5	90	.88	3.8	6.2	7.9	9.2	11.0	13.3	
B-42	9.17	23	3		1 1/8	15.60	29.60	5	42								
540	18.32	46	3	2.00	2 1/8	32.80	62.20	11 3/4	92	.88	3.8	6.2	7.9	9.2	11.0	13.3	
539	9.18	23	3		1 1/8	15.60	29.60	5	42								
B-39	19.91	50	3 1/4	1.25	2 1/8	37.20	70.60	13 1/2	100	2.0	7.4	10.8	13.2	14.8	17.2		
B-40	15.93	40	3 1/4		2 1/8	29.20	55.40	10 1/4	75								
B-37	19.91	50	3	2.77	2 1/8	36.40	69.00	13 1/2	98	.61	3.0	4.6	6.2	7.1	8.0		
B-38	7.20	18	3		1 1/8	12.60	23.80	3 3/4	28								
B-107	23.88	60	3 1/2	3.30	2 1/8	46.20	87.80	16 1/4	135	.71	3.5	7.2	8.2				
B-108	7.20	18	3 1/2		1 1/8	13.00	24.60	3 3/4	30								
B-35	24.28	61	3	4.06	2 1/8	45.00	85.40	17 3/4	130	.48	2.4	4.0	5.0	5.9			
B-36	6.01	15	3		1 1/8	10.80	20.40	3 3/4	20								
B-33	27.07	68	3	2.95	3 1/8	51.00	96.80	20 3/4	160	.86	4.3	6.0	7.7	9.0			
B-34	9.17	23	3		1 1/8	15.60	29.60	5 3/4	42								
B-105	27.46	69	3	2.10	3 1/8	51.80	98.40	21	165	1.4	7.0	8.7	10.8	12.2			
B-106	13.15	33	3		2 1/8	23.20	44.00	8 3/4	60								
B-31	30.26	76	3	5.06	3 1/8	58.20	110.00	23 1/2	175	.48	2.4	4.0	5.0				
B-32	6.01	15	3		1 1/8	10.80	20.40	3 1/2	20								
B-29	32.23	81	3 1/2	4.05	3 1/8	65.60	124.00	25	185	.84	4.2	6.3	7.8				
B-30	7.99	20	3 1/2		1 1/8	14.20	27.00	4 3/4	36								
B-27	33.43	84	3 1/2	3.36	3 1/8	68.60	130.00	26 1/4	195	1.1	5.3	8.0	9.9				
B-28	9.97	25	3 1/2		1 1/8	17.80	33.80	9 1/2	52								
B-25	36.21	91	3 1/2	6.06	3 1/8	75.00	142.00	29 1/2	210	.52	2.6	4.4	5.5				
B-26	6.01	15	3 1/2		1 1/8	11.00	20.80	3 1/2	22								
8110	42.18	106	3 1/2	7.07	3 1/8	97.80	186.00	35	250	.60	3.0	5.1					
64346	6.01	15	3 1/2		1 1/8	11.40	21.60	3 3/4	30								

1 1/2" Pitch

B-69	17.69	37	4 1/2		2 1/8	\$41.40	\$78.60	8 1/2	140								
B-70	9.11	19	4 1/2	1.95	2 1/8	19.60	37.20	3 1/2	60	1.3	6.5	11.2	14.8	17.8	19.8	21.8	
B-153	17.69	37	4 1/2		2 1/8	41.40	78.60	9 1/4	140								
B-154	11.97	25	4 1/2	1.48	2 1/8	26.40	50.20	5 1/2	90	1.9	8.3	11.8	16.2	17.6	19.5	22.0	
B-65	23.41	49	4 1/2		3 1/8	55.60	105.00	14 1/4	170								
B-66	7.69	16	4 1/2	3.06	2 1/8	16.80	31.80	3 1/2	45	1.0	5.1	7.7	9.2	11.8			
B-103	23.41	49	4 1/2		3 1/8	55.60	105.00	14 3/4	170								
B-104	9.59	20	4 1/2	2.45	2 1/8	20.20	38.40	4 1/2	65	1.5	7.5	11.0	13.7	16.8			
B-63	23.41	49	4 1/2		3 1/8	55.60	105.00	14 1/2	170								
B-64	11.49	24	4 1/2	2.04	2 1/8	25.20	47.80	6 1/4	85	1.9	8.3	11.8	16.2	17.7			
B-61	23.41	49	4 1/2		3 1/8	55.60	105.00	14 1/4	170								
B-62	5.80	12	4 1/2	4.08	1 1/8	14.00	26.60	2 3/4	28	.68	3.4	5.8	7.4	8.2			
19346	24.36	51	3		3 1/8	50.40	95.60	17 1/4	145								
B-149	8.16	17	3	3.00	2 1/8	16.00	30.40	4 1/2	45	.82	4.1	6.1	7.7	9.0			

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth
Bevel Gears run in pairs only as listed

List Prices

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Propor- tion	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth*							
						Cast Iron	Cast Steel			Revolutions per Minute							
										10	50	100	150	200	250	300	350

1½" Pitch (Continued)

B-57	26.27	55	4½	1.60	3⅞	\$63.20	\$120.00	17¼	210	3.1	11.7	18.0	21.0	25.0			
B-58	16.26	34	4½		2⅞	37.80	71.80	9⅝	130								
B-67	28.66	60	4½		3⅞	69.40	132.00	20	235								
B-68	19.13	40	4½	1.50	3⅞	44.20	84.00	12¼	150	3.9	13.6	19.4	23.2				
B-55	29.14	61	4½		3⅞	71.00	135.00	19¾	240	.99	4.9	7.4	9.7				
B-56	7.21	15	4½		1⅞	16.20	30.80	3½	40								
B-53	30.57	64	4½	3.05	3⅞	75.20	142.00	21¾	255	1.7	7.9	12.0	14.8				
B-54	10.06	21	4½		2⅞	21.60	41.00	5¾	70								
B-121	30.57	64	4½		3⅞	75.20	142.00	21¾	255	3.9	13.8	19.8	23.7				
B-122	19.13	40	4½	1.60	3⅞	44.20	84.00	12¼	150								
B-73	32.00	67	4½		3⅞	80.20	152.00	22¼	270	.83	4.1	7.0	8.2				
B-74	6.27	13	4½		1⅞	14.80	28.00	3¾	32								
B-59	33.44	70	4	2.50	3⅞	81.40	154.00	25	265	2.3	9.3	13.9	17.4				
B-60	13.41	28	4		2⅞	28.80	54.60	8½	105								
B-51	35.83	75	4½		3⅞	93.60	178.00	26¾	300	3.5	12.8	19.4	22.2				
B-52	17.69	37	4½	2.03	2⅞	41.40	78.60	11¼	140								
B-71	36.31	76	4½		3⅞	95.40	181.00	27	320	.84	4.2	7.1	8.3				
B-72	6.27	13	4½		1⅞	14.80	28.00	3¾	32								
B-49	36.31	76	4½	5.90	3⅞	95.40	181.00	26¾	320	1.0	5.1	7.8	8.8				
B-50	7.21	15	4½		1⅞	16.20	30.80	4	40								
B-47	48.39	101	4½		4⅞	171.00	325.00	29¾	440	1.0	5.3	7.9					
B-48	7.21	15	4½	6.73	1⅞	16.20	30.80	4¼	40								
B-45	48.39	101	4½		4⅞	171.00	325.00	29¾	440	2.2	9.7	13.6					
B-46	11.97	25	4½		2⅞	26.40	50.20	7¾	90								

†

†

1 3/4" Pitch

B-85	10.63	19	3 1/2	1.73	2 1/8	\$23.60	\$44.80	3 3/4	75	.58	2.9	4.9	6.1	7.2	8.3	9.1	9.7
B-86	6.21	11	3 1/2		1 1/8	16.40	31.00	1 3/4	40								
B-83	17.86	32	5	1.20	3 1/8	47.40	90.00	8 1/4	170	3.2	11.8	18.8	22.1	26.2	28.7	29.5	
B-84	15.07	27	5		3 1/8	39.00	74.00	7 1/2	135								
B-87	18.41	33	5		3 1/8	49.00	93.00	8 1/4	175	1.4	6.7	10.6	13.1	16.1	17.3	18.6	
B-88	8.97	16	5	2.06	2 1/8	22.60	42.80	3 1/2	65								
12231	24.53	44	5		3 1/8	67.20	127.00	14 1/4	230	1.4	6.7	10.0	12.8	14.8			
12232	8.41	15	5	2.93	2 1/8	21.60	41.00	3 1/4	60								
B-131	26.20	47	5		3 1/8	72.00	137.00	16 1/4	260	3.9	14.5	21.3	26.2	29.0			
B-132	16.19	29	5	1.60	3 1/8	43.20	82.00	8 1/4	150								
B-113	32.88	59	4		4 1/8	84.80	161.00	24 1/4	320	1.3	5.9	8.7	11.1				
B-114	8.42	15	4	3.93	2 1/8	20.20	38.40	4 1/4	55								
B-81	36.22	65	5		4 1/8	108.00	205.00	25 1/4	415	2.8	11.9	17.5	22.0				
B-82	12.30	22	5	2.95	2 1/8	31.00	58.80	7	110								
27774	37.89	68	5		4 1/8	116.00	220.00	27 1/2	430	3.1	13.0	19.1	24.0				
27773	13.41	24	5	2.83	2 1/8	34.20	65.00	7 1/2	120								
B-79	42.36	76	5		4 1/8	139.00	264.00	32 1/4	460	1.5	7.4	10.9					
B-80	8.42	15	5	5.06	2 1/8	21.60	41.00	4 1/4	60								
20562	51.26	92	5		4 1/8	188.00	357.00	40 1/4	530	1.7	8.0	13.6					
20563	8.97	16	5	5.75	2 1/8	22.60	42.80	5 1/2	65								
B-77	53.49	96	5		4 1/8	208.00	395.00	42 1/4	575	1.6	7.7	11.2					
B-78	8.42	15	5	6.40	2 1/8	21.60	41.00	4 1/4	60								
B-75	53.49	96	5		4 1/8	208.00	395.00	43	575	4.9	15.2	25.5					
B-76	18.41	33	5	2.90	3 1/8	49.00	93.00	12 1/4	175								

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (‡). NOTE: Always use the Horsepower rating of smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bevel Gears

List Prices for Cast Iron and Steel, Cast Teeth

Bevel Gears run in pairs only as listed

List Prices

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Proportion	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	† Approx. Weight Lbs. Cast Iron	Horse Power for Pinions Only Cast Iron—Cast Teeth*							
						Cast Iron	Cast Steel			Revolutions per Minute							
										10	50	100	150	200	250	300	350

2" Pitch

B-151	17.86	28	5	2.00	3 1/4	\$50.80	\$91.40	8	180	1.5	5.6	11.3	14.1	17.2	18.5	19.9	
B-152	8.98	14	5		2 1/4	24.20	43.40	3 1/2	65								
B-155	25.46	40	5	2.50	4 1/4	76.00	137.00	15	260	2.2	10.5	15.4					
B-156	10.25	16	5		2 1/4	28.00	50.40	4 3/8	85								
B-127	31.22	49	5 1/2		4 1/4	99.40	179.00	20	375								
B-128	15.32	24	5 1/2	2.04	3 1/4	45.00	81.00	8 1/2	190	4.3	15.9	24.4	28.7	33.5			
B-93	42.04	66	5 1/2		4 1/4	145.00	261.00	30 3/8	550								
B-94	12.15	19	5 1/2	3.47	2 1/4	35.00	63.00	6 1/2	145	3.2	13.7	20.3					
20812	44.58	70	5		4 1/4	151.00	272.00	34 1/8	585								
20813	10.25	16	5	4.35	2 1/4	28.00	50.40	6	85	2.2	10.5	15.4					
B-143	46.47	73	6		5 1/4	179.00	322.00	34 1/8	600								
B-144	8.91	14	6 1/2	5.21	2 1/4	27.00	48.60	4 3/8	100	2.3	10.6	16.5					
B-91	47.77	75	6		5 1/4	187.00	336.00	34 3/8	660								
B-92	12.15	19	6	3.95	2 1/4	36.80	66.20	7	155	3.5	15.0	23.7					
B-115	53.49	84	5 1/2		5 1/4	217.00	390.00	42	775								
B-116	8.36	13	5 1/2	6.46	2 1/4	23.00	41.40	4 1/2	70	1.8	9.2	13.3					
B-89	60.50	95	6		5 1/4	289.00	520.00	48	1050								
B-90	10.25	16	6	5.93	2 1/4	30.40	54.60	6 1/8	115	2.7	9.2						

2 1/4" Pitch

B-97	21.52	30	7		4 1/4	\$82.00	\$143.00	8 3/4	310								
B-98	15.10	21	7	1.43	3 1/4	56.80	99.40	5 1/2	275	5.5	20.7	31.7	38.5	44.1	48.5		
B-119	36.55	51	6		5 1/4	132.00	231.00	24 3/4	575								
B-120	25.10	35	6	1.46	4 1/4	89.00	155.00	15 3/4	370	10.3	32.1	46.5	54.4				
B-95	75.20	105	7		6 1/4	456.00	798.00	57 3/8	1800								
B-96	15.10	21	7	5.00	3 1/4	56.80	99.40	9 1/4	275	6.7	24.0						

3" Pitch

B-147	42.05	44	5 1/2		6 1/4	\$250.00	\$437.00	30 3/4									
B-148	21.08	22	5 1/4	2.00	4 1/4	96.80	169.00	12 3/4		9.0	30.5	42.8					
B-123	80.23	84	9		8 1/2	720.00	1260.00	61 1/4									
B-124	14.43	15	9	5.60	3 1/4	84.80	148.00	8 5/8		8.3	31.0						

4" Pitch

B-141	84.06	66	12		10			58 3/4									
B-142	19.23	15	12	4.40	5 1/4			10		19.0	61.8						

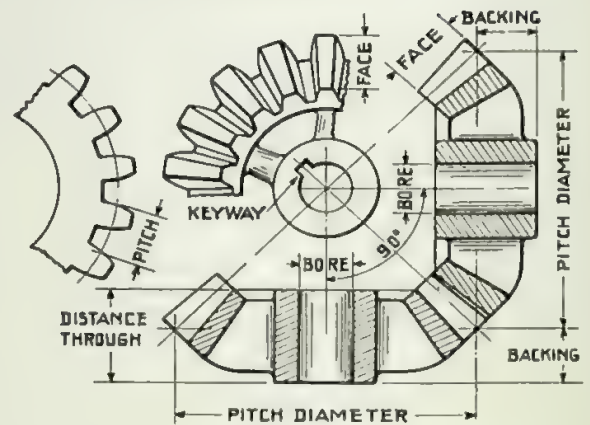
*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth; or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit of the Larger Gear of a pair, in Cast Teeth (†); in Cut Teeth (§). NOTE: Always use the Horsepower rating of the smaller gear of a pair.

†Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Miter Gears

List Prices for Cast Iron and Steel, Cast Teeth



Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel			Revolutions per Minute							
									10	50	100	150	200	250	300	350
¾" Pitch																
C-4	3.13	13	1¼	1⅛	\$ 5.10	\$ 9.60	1⅛	3	.05	.25	.52	.81	.96	1.06	1.16	1.25
C-3	4.08	17	1¼	1⅞	6.00	11.40	2	5	.08	.40	.79	.98	1.16	1.27	1.38	1.50
C-2	10.03	42	1¼	1⅞	13.70	26.00	7	17	.33	1.38	1.95	2.40	2.82	3.10	3.40	4.30
C-1	10.75	45	1¼	1⅞	15.00	28.40	7¾	20	.41	1.70	2.40	2.95	3.50	3.80	4.20	4.50
1" Pitch																
8906	4.49	14	2	1⅞	\$ 7.50	\$14.20	1⅞	6	.12	.60	1.04	1.27	1.50	1.64	1.80	1.94
C-37	5.76	18	1¾	1⅞	7.80	14.80	2⅝	8	.20	1.00	2.07	2.85	3.00	3.28	3.59	3.86
C-6	6.08	19	2	1⅞	9.40	17.80	2⅝	11	.25	1.27	2.48	3.40	3.60	3.94	4.30	4.64
C-35	6.08	19	2¼	1⅞	9.60	18.20	2¼	16	.28	1.43	2.78	3.84	4.04	4.43	4.84	5.20
C-5	6.39	20	2	1⅞	9.80	18.60	2¾	17	.27	1.38	2.60	3.57	3.76	4.13	4.50	4.85
C-28	7.03	22	2	1⅞	10.50	19.80	3	18	.33	1.68	2.85	3.90	4.10	4.50	4.93	5.30
1¼" Pitch																
4870	6.41	16	2½	1⅞	\$11.00	\$20.80	2½	17	.39	1.98	4.06	4.98	5.89	6.42	7.02	7.60
C-10	7.99	20	2¾	1⅞	12.70	24.00	4¾	22	.51	3.17	4.50	5.52	6.52	7.11	7.79	8.40
C-9	9.97	25	2¾	1⅞	16.20	30.80	5⅝	40	.78	4.27	6.04	7.40	8.74	9.57	10.20	11.30
C-32	11.16	28	3¼	2⅞	20.20	38.40	5⅝	55	1.25	6.50	9.25	11.30	13.40	14.60	16.00	17.30
C-8	11.96	30	3	2⅞	20.80	39.40	7	60	1.18	5.90	8.40	10.30	12.10	13.30	14.50	15.70
C-7	13.95	35	3	2⅞	24.70	46.80	8¾	65	1.40	6.60	9.35	11.40	13.50	14.80	16.20	17.50
64468	15.93	40	3½	2⅞	29.80	56.60	10½	75	1.90	7.20	11.40	14.30	15.30	16.80	17.20	20.00

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth, or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit, in Cast Teeth (†); in Cut Teeth (‡).

NOTE: Always use the Horsepower Rating of the smaller Gear of a pair.

††Add 10% for approximate weight of Cast Steel Gears.

Jeffrey Miter Gears

List Prices for Cast Iron and Steel, Cast Teeth

Pat- tern No.	Pitch Diam. In.	Teeth	Face	Max. Bore Regular Price	List Price		Max. Diam. Hub In.	†† Approx. Weight Lbs. Cast Iron	Horse Power—Cast Iron—Cast Teeth*							
					Cast Iron	Cast Steel			Revolutions per Minute							
									10	50	100	150	200	250	300	350
1½" Pitch																
5607	7.21	15	3	1 1/16	\$14.60	\$27.80	2 1/2	25	.52	1.04	4.54	5.55	6.55	7.18	7.85	8.45
4814	9.59	20	3	2 7/8	17.60	33.40	4 1/4	40	.82	4.23	6.00	7.32	8.68	9.50	10.40	11.20
C-19	10.54	22	3 1/2	2 1/8	21.00	39.80	4 3/4	50	1.10	5.40	7.68	9.40	11.10	12.10	13.30	14.30
C-18	11.97	25	3 3/4	2 7/8	24.00	45.60	5 1/2	65	1.30	6.00	8.50	10.40	12.30	13.40	14.60	15.80
C-17	13.87	29	3	2 1/4	27.20	51.60	8 1/2	75	1.46	6.05	8.55	10.40	12.30	13.50	14.80	15.90
C-36	15.30	32	4	2 1/4	33.60	63.80	7 3/4	100	2.00	8.70	12.30	15.00	17.80	19.50	21.40	23.00
C-16	15.79	33	3	2 1/8	31.60	60.00	10	90	1.58	6.76	9.40	11.50	13.60	15.00	16.40	17.60
C-15	17.69	37	3 1/2	2 1/8	37.80	71.80	11 3/4	120	2.65	8.40	11.90	14.50	17.10	18.80	20.60	.....
C-25	17.69	37	4 1/2	2 1/8	41.40	78.60	10	140	3.33	7.45	10.50	12.90	15.20	16.70	18.30	.....
C-14	20.06	42	4	3 7/8	44.60	84.60	12 3/4	155	3.54	10.40	14.70	18.00	21.20	23.40	.....	.....
C-13	23.89	50	4	3 7/8	54.20	103.00	16 3/4	175	4.25	11.80	16.60	20.30	24.00	.....	.....	.....
C-12	25.80	54	4	3 7/8	59.00	112.00	18 3/4	190	4.65	12.30	17.40	21.20	25.00	.....	.....	.....
C-11	32.48	68	3 1/2	3 1/8	74.40	141.00	25 1/2	240	5.24	12.30	17.40	21.20	.....	.....	.....	.....
1¾" Pitch																
60295	15.63	28	5	3 7/8	\$40.80	\$77.40	7	140	3.41	12.80	19.60	25.60	27.30	29.90	30.70	31.80
C-22	17.86	32	4 1/2	3 11/16	45.20	85.80	10	155	3.96	12.90	18.30	22.40	26.50	28.80	31.60	.....
C-21	23.98	43	5	3 1/2	65.60	124.00	15 3/4	225	6.30	17.50	24.50	30.40	36.00	39.20	.....	.....
C-20	28.98	52	6	4 1/8	88.60	168.00	18 3/4	350	9.35	23.60	33.40	41.00	.....	.....	.....	.....
2" Pitch																
C-24	17.86	28	6	3 1/8	\$55.80	\$100.00	7 3/4	210	5.15	15.40	21.80	26.80	31.70	34.50	37.80	.....
C-27	18.50	29	6	3 1/8	58.20	104.00	8 3/4	220	6.35	15.90	22.50	27.60	32.70	35.50	39.00	.....
C-26	24.22	38	6	3 1/8	79.40	143.00	13 3/4	290	8.70	24.30	34.50	42.30	50.00	.....	.....	.....
C-31	29.94	47	6	4 1/8	99.20	178.00	16 3/4	375	11.30	28.00	40.00	48.80	.....	.....	.....	.....
C-23	33.76	53	6	4 1/8	113.0	203.00	23 1/4	450	12.70	30.20	42.80	52.50	.....	.....	.....	.....
2¼" Pitch																
C-30	38.70	54	6 1/2	5 7/8	\$148.00	\$259.00	27	600	18.00	40.40	57.00	.....	.....	.....	.....	.....

*Multiply listed Horse Power of Pinions by 2.0 for Cast Iron—Cut Teeth; by 2.5 for Cast Steel—Cast Teeth, or by 5.0 for Cast Steel—Cut Teeth.

Speed Limit, in Cast Teeth (†); in Cut Teeth (†).

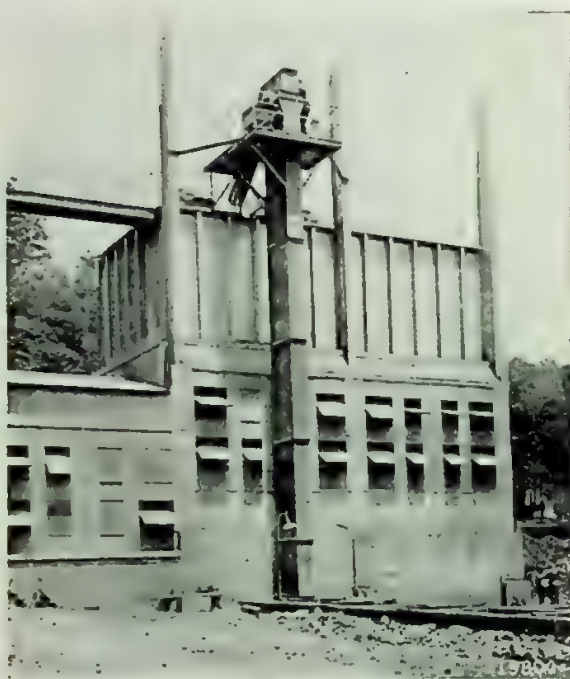
NOTE: Always use the Horsepower rating of the smaller gear of a pair.

††Add 10% for approximate Weight of Cast Steel Gears.

Jeffrey Bucket Elevators

JEFFREY Bucket Elevators have a broad application throughout industry for the handling of many kinds of materials such as grains, coal, coke, ashes, sand, gravel, stone, etc. Built to handle material in both vertical and inclined directions with a capacity of $6\frac{1}{2}$ to 750 tons per hour.

A few general applications are shown below while the following pages illustrate the various styles of elevators, buckets, boots, etc., designed to meet practically every condition and requirement.



A Jeffrey Steel Encased Elevator handling Clinkers from Rotary Kilns to storage.



Inclined Elevator handling sand and gravel to bin over concrete mixer on a construction job.



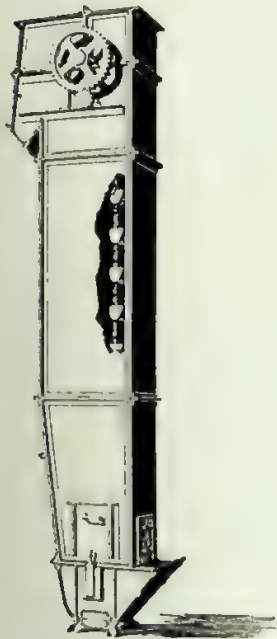
A Jeffrey Continuous Bucket Elevator for handling Barytes in a Fertilizer Plant.



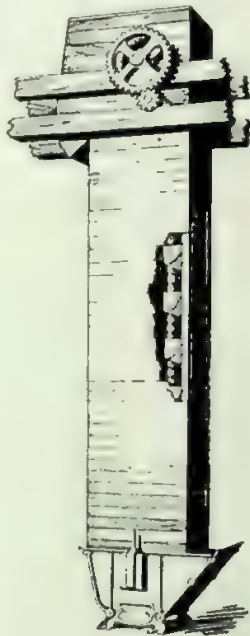
Jeffrey Elevators for heavy duty in the Stone Quarry.

Jeffrey Bucket Elevators

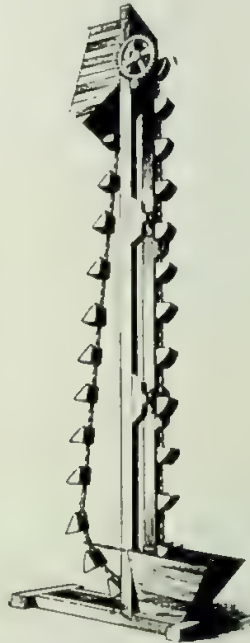
BELOW are shown the six general types of Jeffrey Bucket Elevators for the handling of materials in a vertical or inclined direction. Various styles of chains and buckets, of malleable or steel, can be furnished, as listed on following pages.



Elevator with Steel Casing for handling coal, ashes, coke and similar materials. Can be made dust-tight if required.



Elevator with Wooden Casing for handling Sand, Gravel, Fertilizer and similar materials.



Inclined Elevator for Sand, Gravel and other similar materials.



Inclined Continuous Bucket Elevator for Broken Stone and similar materials.



Deflecting Wheel Type
Medium Speed

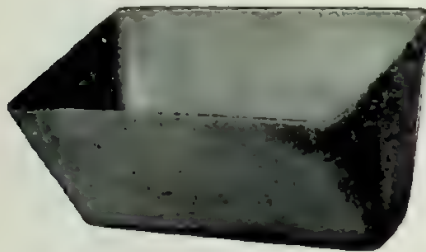
The Deflecting and Knuckle Wheel Types of Bucket Elevators are slow in operation. They are for handling soda ash, bone, and such materials as have a tendency to stick or cling in the buckets at the point of discharge.



Knuckle Wheel Type
Slow Speed

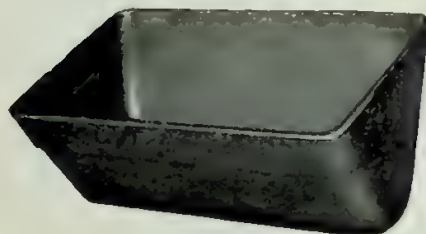
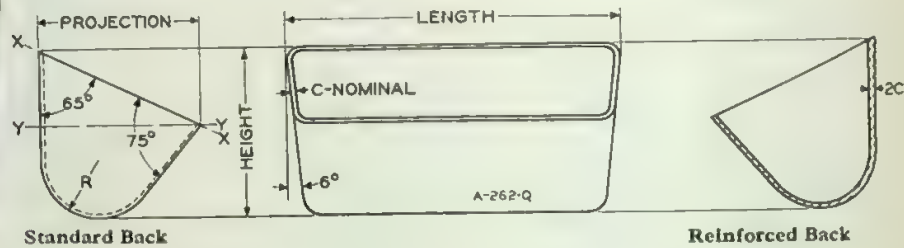
Jeffrey Malleable Iron Buckets

JEFFREY superior quality, properly heat treated malleable iron buckets are of approved pattern and weight; these Buckets are smooth, seamless and strong, and afford a perfectly clean delivery of material. They are especially adapted to handling ores, stone, phosphates, cement, sand, coal and other gritty and abrasive materials. In ordering, state whether buckets are to be punched for flat belt or for chain, and if the latter, give size and number of strands of chain and style of attachment.



Style A

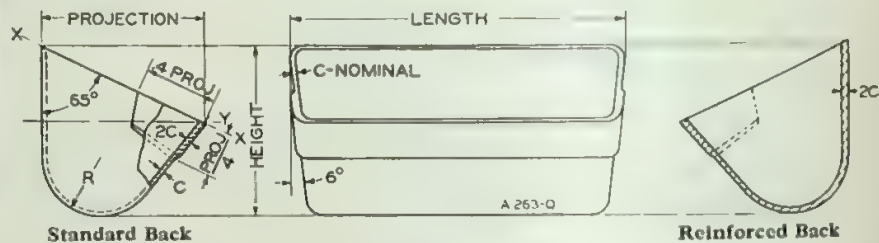
The standard bucket in most general use. Used to handle coal, cement, sand, gravel, stone, etc.



Style AA

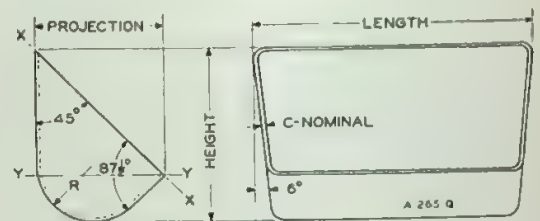
When digging in gritty materials the life of the bucket is prolonged by the heavy reinforcing band on the front edge and corners, making this portion again as thick as the rest of the bucket. Otherwise this bucket is the same as the Style A.

Both the Style A and AA can be furnished, in the sizes listed on the opposite page, with backs reinforced to twice the nominal thickness for extra severe service where there is a tendency to tear out at the bolt holes. See cross-section at right.



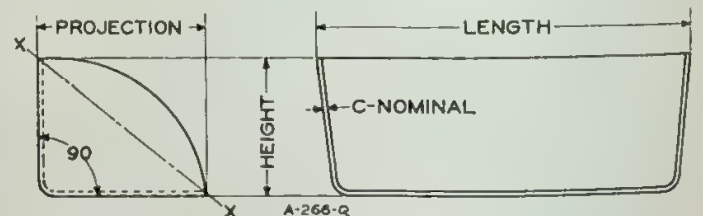
Style B

Most advantageously used when the elevator is inclined and handling coarsely broken materials such as stone, ore, etc



Style C

This bucket will handle satisfactorily such materials as tend to stick and pack in other types of buckets, like clay finely pulverized wet ores, sugar, salt, etc.



Jeffrey Malleable Iron Buckets

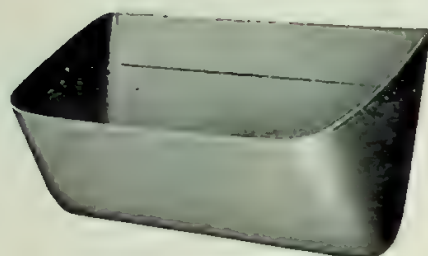
List Prices and Dimensions of Malleable Buckets

Standard Back									Reinforced Back	
Size Bucket—Inches			List Price Each	Capacity—Cubic Ft. †		Approx. Weight Lbs.	Thick-ness C Inches	Approx. Radius Bottom R Inches	List Price Each	Approx. Weight Lbs.
Length	Projec-tion	Height		At Level “XX”	At Level “YY”					
Style A										
4	2¾	3	\$0.31	.009	.007	.9	⅜	⅜		
4½	3	3½	.40	.014	.011	1.0	⅜	1		
5	3½	3¾	.50	.018	.013	1.4	⅜	1⅛		
6	4	4¼	.64	.030	.019	2.1	⅜	1¼		
7	4½	5	.76	.050	.033	2.8	⅜	1⅜		
8	5	5½	.90	.068	.045	3.8	⅜	1½		
10	6	6¼	1.45	.119	.075	6.2	⅜	2		
11	6	6¼	1.55	.122	.078	6.7	⅜	2		
12	6	6¼	1.65	.131	.086	7.2	⅜	2		
12	7	7¼	1.90	.194	.121	9.5	⅜	2⅜	\$2.20	12.7
14	6	6¼	2.05	.210	.149	10.5	⅜	2		
14	7	7¼	2.20	.226	.147	11.0	⅜	2⅜	2.55	14.8
14	8	8½	3.00	.286	.187	15.2	⅜	2¾	3.45	20.6
16	7	7¼	2.60	.256	.162	12.7	⅜	2⅜	3.00	17.1
16	8	8½	3.40	.339	.191	17.2	⅜	2¾	3.90	21.0
18	8	8½	3.75	.381	.243	19.2	⅜	2¾	4.30	23.9
18	10	10½	5.85	.609	.386	30.0	⅜	3¼	6.60	33.0
Style AA										
6	4	4¼	\$0.70	.030	.019	2.5	⅜	1¼		
8	5	5½	1.00	.068	.045	4.0	⅜	1½		
10	6	6¼	1.50	.119	.075	6.5	⅜	2	\$1.75	9.2
11	6	6¼	1.65	.122	.078	7.0	⅜	2		
12	6	6¼	1.80	.131	.086	7.7	⅜	2	2.05	9.9
12	7	7¼	2.10	.194	.121	10.0	⅜	2⅜	2.40	13.2
14	6	6¼	2.35	.210	.149	12.0	⅜	2		
14	7	7¼	2.45	.226	.147	12.8	⅜	2⅜	2.80	15.3
15	7	7¼	2.60	.235	.144	13.0	⅜	2⅜		
16	7	7¼	2.85	.258	.162	14.6	⅜	2⅜	3.25	18.2
16	8	8½	3.75	.339	.191	19.1	⅜	2¾	4.25	22.9
18	8	8½	4.10	.381	.243	21.0	⅜	2¾	4.65	25.7
24	8	8½	6.15	.495	.353	28.0	⅜	2¾		
Style B										
4	1½	2¼	\$0.25	.0035	.0016	.4	⅜			
7	3½	5	.58	.031	.012	2.2	⅜			
8	3½	5	.65	.035	.012	2.3	⅜			
10	4	5½	1.10	.068	.022	4.0	⅜			
12	5½	7½	1.65	.130	.046	6.5	⅜			
16	6½	9	2.60	.243	.087	13.5	⅜			
Style C										
6	4½	4	\$0.60	.028	-----	2.0	⅜			
8	4½	4	.85	.039	-----	2.8	⅜			
10	5	4	1.20	.046	-----	4.0	⅜			
12	5	4	1.35	.058	-----	4.8	⅜			
12	6	6	1.60	.109	-----	6.6	⅜			
14	7	5½	2.20	.131	-----	8.5	⅜			
16	7	5½	2.40	.164	-----	10.5	⅜			
18	8	8	3.70	.279	-----	18.0	⅜			

† It is customary in figuring elevators to figure that the buckets are loaded 80% full.

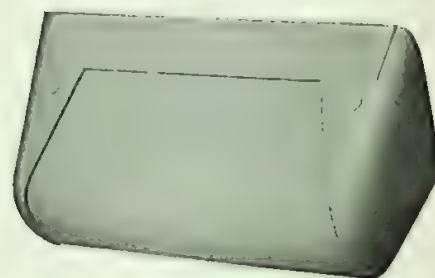
Jeffrey Elevator Buckets

Standard Steel Elevator Buckets



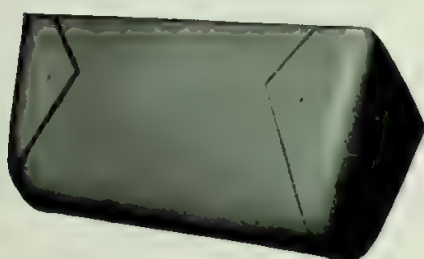
Front View

Light gauges for Flour, Grain, Seeds, etc



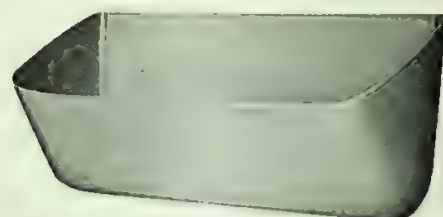
Rear View

Medium gauges for Coal, Lime, Cement, etc.



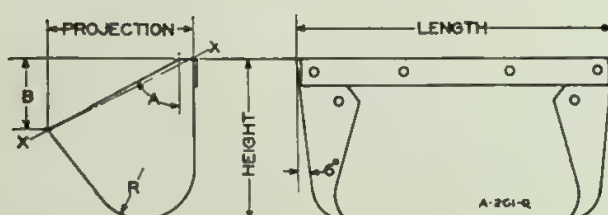
Rear View

Heavy gauges for Gravel, Broken Stone, etc. Extra heavy gauges for Ashes, Sand, Coke and Ores.



Front View

Dimensions of Standard Steel Elevator Buckets in Inches



Nominal Projection	Actual Projection	Height	A	B	R
2½	2⅝	2⅝	68°	1⅞	1⅞
3	2¾	2⅞	67°	1⅞	1
3½	3¼	3⅞	68°	1⅞	1⅝
4	3¾	3⅞	64°	1⅞	1⅞
4½	4⅛	4⅞	66°	1⅞	1½
5	4½	5⅞	61°	2⅞	1⅞
5½	5⅛	5⅞	66°	2⅞	1⅞
6	5⅞	6	62°	2⅞	1⅞
7	6⅞	6¾	69°	2⅞	2⅞
8	7¼	7½	67°	2⅞	3

"Jeffrey Rule" for Punching Bucket for Belt

Of Standard, Century and Malleable Types, unless Otherwise Ordered

We furnish Buckets with Double Ends and Double Backs, for which an additional charge is made.

Holes for Chain attachments are placed as best fits the bucket, unless otherwise ordered.

Width of Buckets Inches	*Number of Holes for ¼" Bolts In One Row	Width of Buckets Inches	*Number of Holes for ¼" Bolts In Two Rows Staggered
3-4-5-6	2	14-15-16	3 in Top Row 2 in Bottom Row 4 in Top Row 2 in Bottom Row 4 in Top Row 3 in Bottom Row
7-8-9-10	3	18-20-22	
11-12-13	4	24	

*Holes for Belts are equally spaced central on the back and near the top of the buckets. Use "Reliance or Excelsior" Bolts page 227.

Jeffrey Elevator Buckets

List Prices, Capacities and Weights of Standard Steel Elevator Buckets

Regular Sizes

Arranged in the order of "Length, Projections from Belt" and from the Lightest to the Heaviest Gauges. Unless otherwise specified U. S. Gauges of Steel are used in all Standard Buckets.

Sizes in **Bold Face Type** carried in stock to meet all ordinary demands.

*Capacities in Cubic Feet taken at level "XX" see drawing page 214

†To conform to general practice in listing buckets the listed capacities are for one hour with buckets spaced 12" apart and traveling at the rate of 200 feet per minute. Engineering practice, however, is to space buckets about 3 Projections apart, but ordinarily not less than 12" for Bucket Projections less than 4".

Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capac- ity Bushels per Hour†	*Capac- ity in cubic ft for each Bucket	Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capac- ity Bushels per Hour†	*Capac- ity in cubic ft. for each Bucket
3 x3	22	\$0.15	28	87	.008	9x5	19	\$0.40	155	754	.076
	18	.25	44				16	.65	245		
	16	.35	55				14	.77	270		
3½x3	22	.15	29	102	.009		12	1.12	390		
	18	.25	48				10	1.35	500		
	16	.35	60				8	1.57	615		
4 x3	22	.15	30	116	.012		¾	1.78	726		
	18	.25	52			10x5	19	.45	195	838	.088
	16	.35	65				16	.70	267		
4½x3	22	.15	32	131	.013		14	.84	290		
	18	.25	56				12	1.19	420		
	16	.35	70				10	1.45	540		
4 x3½	22	.15	45	159	.016		8	1.69	655		
	18	.25	66				¾	1.91	774		
	16	.35	82			10x5½	19	.48	170	973	.092
4½x3½	22	.15	48	179	.017		16	.73	285		
	18	.25	72				14	.87	326		
	16	.35	90				12	1.27	455		
	14	.42	104				10	1.51	585		
5 x3½	22	.17	51	199	.019		8	1.75	720		
	18	.27	78				¾	1.96	850		
	16	.38	97			10x6	18	.56	270	1220	.110
	14	.45	111				16	.77	340		
5 x4	20	.19	66	229	.027		14	.95	385		
	18	.30	93				12	1.40	540		
	16	.42	116				10	1.69	670		
	14	.50	126				8	1.97	840		
5½x4	20	.22	69	251	.028		¾	2.19	990		
	18	.33	100			11x6	18	.62	285	1342	.129
	16	.46	124				16	.88	360		
	14	.54	134				14	1.08	410		
	12	.80	186				12	1.58	570		
6 x4	20	.25	72	274	.031		10	1.90	710		
	18	.37	106				8	2.20	890		
	16	.50	132			12x6	¾	2.43	1025		
	14	.59	142				18	.69	300	1464	.143
7 x4½	20	.30	110	500	.042		16	.92	380		
	18	.43	128				14	1.14	435		
	16	.56	160				12	1.69	600		
	14	.65	185				10	2.05	750		
	12	.97	256				8	2.37	940		
8 x5	10	1.15	328	670	.064		¾	2.61	1101		
	19	.35	140			14x6	18	.83	340	1708	.166
	16	.60	223				16	1.06	400		
	14	.70	250				14	1.30	474		
	12	1.05	360				12	1.90	660		
	10	1.25	460				10	2.30	830		
	8	1.45	590				8	2.65	1040		
	¾	1.65	696			16x6	¾	2.90	1230		
							18	.97	380	1952	.194
							16	1.22	445		
							14	1.48	520		

Jeffrey Elevator Buckets

List Prices, Capacities and Weights of Standard Steel Elevator Buckets (Cont'd)

Regular Sizes

Sizes in **Bold Face Type** carried in stock to meet all ordinary demands.

*Capacities in Cubic Feet taken at level "XX" see drawing page 214

†To conform to general practice in listing buckets the listed capacities are for one hour with buckets spaced 12" apart and traveling at the rate of 200 feet per minute. Engineering practice, however, is to space buckets about 3 Projections apart, but ordinarily not less than 12" for Bucket Projections less than 4".

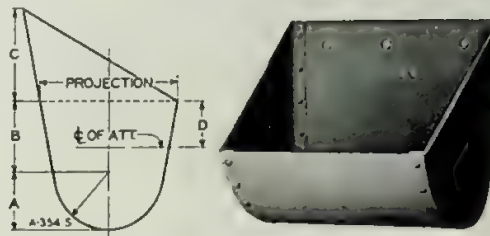
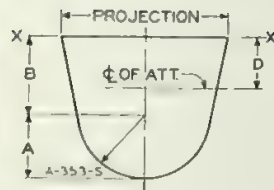
Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capac- ity Bushels per Hour†	*Capac- ity in cubic ft for each Bucket	Length x Projection from Belt	Gauge	List Price each	Approx. Weight 100 Buckets Lbs.	Capac- ity Bushels per Hour†	*Capac- ity in cubic ft for each Bucket	
16x6	12	\$2.05	725	1952	.194	20x7	14	\$2.20	720	3180	.257	
	10	2.45	910				12	2.90	955			
	8	2.80	1145				10	3.40	1235			
	3/16	3.06	1350				8	3.80	1580			
18x6	18	1.11	420	2196	.219	16x8	3/16	4.25	1860	3184	.298	
	16	1.41	490				18	1.35	475			
	14	1.69	580				16	1.65	570			
	12	2.30	785				14	2.05	710			
20x6	10	2.72	1000	2440	.247	18x8	12	2.70	970	3582	.335	
	8	3.09	1250				10	3.15	1225			
	3/16	3.37	1480				8	3.55	1520			
	18	1.25	460				3/16	4.00	1800			
10x7	16	1.60	540	1590	.138	20x8	18	1.50	525	3980	.377	
	14	1.90	630				16	1.80	630			
	12	2.50	850				14	2.20	770			
	10	2.94	1100				12	2.85	1050			
11x7	8	3.34	1380	1749	.153	22x8	10	3.30	1325	4378	.423	
	3/16	3.64	1625				8	3.75	1650			
	18	.70	290				3/16	4.25	1950			
	16	.92	356				18	1.66	575			
12x7	14	1.17	444	1908	.170	24x8	16	2.00	690	4776	.458	
	12	1.70	605				14	2.40	830			
	10	2.10	785				12	3.05	1130			
	8	2.45	980				10	3.50	1425			
14x7	3/16	2.70	1160	2226	.208	26x8	8	4.00	1790	5174	.537	
	18	.77	305				3/16	4.55	2100			
	16	1.01	378				18	1.83	625			
	14	1.28	472				16	2.20	750			
16x7	12	1.85	640	2544	.227	28x8	14	2.65	890	5572	.578	
	10	2.25	830				12	3.30	1210			
	8	2.60	1040				10	3.75	1525			
	3/16	2.85	1225				8	4.30	1920			
18x7	18	.85	320	2862	.266	30x8	3/16	4.90	2250	5970	.620	
	16	1.11	400				18	2.00	675			
	14	1.40	500				16	2.40	810			
	12	2.00	675				14	2.90	950			
20x7	10	2.40	875	3180	.257		3/16	12	3.60	1300	5970	.620
	8	2.75	1100					10	4.05	1650		
	3/16	3.00	1300					8	4.65	2050		
	18	1.00	372					3/16	5.30	2400		
16x8	16	1.28	450	2226	.208	26x8	18	2.20	725	5174	.537	
	14	1.60	556				16	2.65	870			
	12	2.20	745				14	3.15	1010			
	10	2.65	965				12	3.90	1380			
18x8	8	3.00	1220	2544	.227	28x8	10	4.40	1725	5572	.578	
	3/16	3.25	1440				8	5.05	2180			
	18	1.15	416				3/16	5.75	2550			
	16	1.45	500				18	2.40	775			
20x8	14	1.80	612	3180	.257	3/16	16	2.90	930	5970	.620	
	12	2.40	815				14	3.45	1070			
	10	2.90	1055				12	4.25	1460			
	8	3.25	1340				10	4.80	1825			
22x8	3/16	3.50	1580	2862	.266	30x8	8	5.50	2310	5970	.620	
	18	1.30	460				3/16	6.25	2700			
	16	1.62	550				18	2.60	825			
	14	2.00	668				16	3.15	990			
24x8	12	2.65	885	3180	.257	3/16	14	3.70	1130	5970	.620	
	10	3.10	1145				12	4.60	1540			
	8	3.50	1460				10	5.25	1925			
	3/16	3.75	1720				8	6.00	2440			
26x8	18	1.45	504	3180	.257	3/16	8	6.00	2440	5970	.620	
	16	1.80	600				3/16	6.80	2850			

Jeffrey Elevator Buckets

"Century" Steel Buckets



Standard Type



High Back Type

A general, all around Bucket for both light and heavy work and for all capacities. It is made of sheet steel, its body being firmly riveted to the ends, making it well shaped and perfect in discharging.

The "Century" Bucket is an ideal one for centrally hung elevators where the buckets are bolted through their ends to two strands of chain such as in Perfect Discharge Elevators.

The High Back type is especially adapted to inclined elevators.

List Price and Dimensions

Size Bucket						Capacity—Cu. Ft.		Gauge of Steel—List Price Each					
Length In.	Projection In.	A In.	B In.	C In.	D In.	At Level XX	80% Full	16	14	12	10	1/8	1/4
6	4	1 5/8	1 7/16	1 3/8	1 1/4	.0318	.0254	\$1.94	\$2.00	\$2.08	\$2.18		
7	4	1 5/8	1 7/16	1 3/8	1 1/4	.0370	.0296	2.10	2.16	2.25	2.36		
8	5	1 11/16	1 11/16	3 1/8	1 1/4	.0611	.0489	2.25	2.32	2.52	2.65		
9	5	1 11/16	1 11/16	3 1/8	1 1/4	.0687	.0550	2.35	2.45	2.55	2.72		
10	6	2 1/4	2 3/4	3 5/8	1 3/4	.1266	.1013	2.60	2.72	2.89	3.11	\$3.37	
12	6	2 1/4	2 3/4	3 5/8	1 3/4	.1520	.1216	2.72	2.86	3.05	3.31	3.63	
14	6	2 1/4	2 3/4	3 5/8	1 3/4	.1773	.1418	2.84	3.00	3.21	3.51	3.89	
16	6	2 1/4	2 3/4	3 5/8	1 3/4	.2026	.1621	2.96	3.14	3.37	3.69	4.13	
18	6	2 1/4	2 3/4	3 5/8	1 3/4	.2280	.1824	3.08	3.28	3.53	3.89	4.39	
20	6	2 1/4	2 3/4	3 5/8	1 3/4	.2533	.2026	3.20	3.42	3.69	4.09	4.65	
10	7	2 7/16	3 1/8	4 3/8	2	.1561	.1249		2.85	3.06	3.36	3.71	
12	7	2 7/16	3 1/8	4 3/8	2	.1874	.1499		3.00	3.23	3.56	3.95	
14	7	2 7/16	3 1/8	4 3/8	2	.2186	.1749		3.15	3.40	3.76	4.20	
16	7	2 7/16	3 1/8	4 3/8	2	.2498	.1998		3.30	3.57	3.96	4.44	
18	7	2 7/16	3 1/8	4 3/8	2	.2811	.2249		3.45	3.74	4.16	4.70	
20	7	2 7/16	3 1/8	4 3/8	2	.3123	.2498		3.60	3.91	4.37	4.95	
16	8	2 13/16	3 1/8	5 3/8	2 1/4	.3188	.2550		3.50	3.78	4.22	4.72	
18	8	2 13/16	3 1/8	5 3/8	2 1/4	.3586	.2869		3.70	4.02	4.50	5.05	
20	8	2 13/16	3 1/8	5 3/8	2 1/4	.3985	.3188		3.90	4.26	4.78	5.38	
22	8	2 13/16	3 1/8	5 3/8	2 1/4	.4383	.3506		4.12	4.52	5.08	5.73	
24	8	2 13/16	3 1/8	5 3/8	2 1/4	.4782	.3826		4.35	4.80	5.40	6.10	
16	10	3 1/16	3 1/8	5 3/4	2 13/16	.4918	.3934		3.75	4.15	4.70	5.25	
18	10	3 1/16	3 1/8	5 3/4	2 13/16	.5533	.4426		4.05	4.50	5.10	5.70	
20	10	3 1/16	3 1/8	5 3/4	2 13/16	.6148	.4918		4.35	4.85	5.55	6.25	
22	10	3 1/16	3 1/8	5 3/4	2 13/16	.6763	.5410		4.67	5.22	6.00	6.75	
24	10	3 1/16	3 1/8	5 3/4	2 13/16	.7378	.5902		5.00	5.60	6.50	7.30	\$ 8.50
16	12	4 5/8	4 5/8	7 1/2	3 1/2	.7624	.6099			4.75	5.55	6.15	7.15
18	12	4 5/8	4 5/8	7 1/2	3 1/2	.8577	.6862			5.10	5.95	6.60	7.70
20	12	4 5/8	4 5/8	7 1/2	3 1/2	.9530	.7624			5.45	6.35	7.10	8.25
22	12	4 5/8	4 5/8	7 1/2	3 1/2	1.0483	.8386			5.80	6.75	7.55	8.75
24	12	4 5/8	4 5/8	7 1/2	3 1/2	1.1436	.9149			6.15	7.15	8.05	9.35
26	12	4 5/8	4 5/8	7 1/2	3 1/2	1.2389	.9911			6.50	7.55	8.50	9.90
28	12	4 5/8	4 5/8	7 1/2	3 1/2	1.3342	1.0674			6.90	8.00	9.00	10.50
18	14	5 3/8	5 3/8	9 1/8	4	1.1626	.9301			5.75	6.75	7.50	8.70
20	14	5 3/8	5 3/8	9 1/8	4	1.2918	1.0334			6.10	7.15	8.00	9.30
22	14	5 3/8	5 3/8	9 1/8	4	1.4210	1.1368			6.45	7.55	8.45	9.85
24	14	5 3/8	5 3/8	9 1/8	4	1.5502	1.2402			6.80	7.95	8.90	10.50
26	14	5 3/8	5 3/8	9 1/8	4	1.6794	1.3435			7.15	8.35	9.40	11.10
28	14	5 3/8	5 3/8	9 1/8	4	1.8085	1.4469			7.50	8.80	9.95	11.75
30	14	5 3/8	5 3/8	9 1/8	4	1.9377	1.5502			7.85	9.25	10.50	12.50

Jeffrey Elevator Buckets

"Century" Steel Buckets

Weights

Size Bucket		Standard Type						High Back Type					
Length In.	Projec- tion In.	Gauge of Steel—Weight Each, Pounds											
		16	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$	16	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$
6	4	1.34	1.66	2.37	3.00			1.84	2.25	3.20	3.94		
7	4	1.48	1.83	2.61	3.32			2.00	2.48	3.52	4.47		
8	5	2.01	2.49	3.53	4.49			2.81	3.48	4.94	6.31		
9	5	2.17	2.70	3.82	4.86			3.04	3.77	5.35	6.81		
10	6	3.27	4.07	5.74	7.33	9.81		4.40	5.47	7.71	9.85	13.23	
12	6	3.73	4.64	6.54	8.36	11.08		4.99	6.20	8.73	11.18	15.06	
14	6	4.16	5.18	7.30	9.34	12.48		5.55	6.90	9.73	12.44	16.68	
16	6	4.59	5.73	8.06	10.31	13.78		6.13	7.64	10.73	13.73	18.43	
18	6	5.05	6.30	8.86	11.36	15.15		6.71	8.35	11.73	15.03	20.13	
20	6	5.51	6.87	9.67	12.39	16.55		7.28	9.06	12.76	16.33	21.81	
10	7		4.80	6.76	8.66	11.56			6.43	9.06	11.58	15.53	
12	7		5.44	7.66	9.80	13.10			7.27	10.23	13.08	17.53	
14	7		6.04	8.51	10.89	14.55			8.09	11.38	14.78	19.51	
16	7		6.71	9.44	12.09	16.15			8.92	12.53	16.05	21.47	
18	7		7.35	10.33	13.26	17.68			9.72	13.67	17.51	23.43	
20	7		8.03	11.26	14.46	19.30			10.55	14.81	19.01	25.41	
16	8		7.43	10.45	13.38	17.88			10.38	14.60	18.68	25.08	
18	8		8.10	11.38	14.58	19.49			11.31	15.90	20.36	27.26	
20	8		8.81	12.35	15.83	21.18			12.21	17.20	22.01	29.46	
22	8		9.48	13.31	17.05	22.78			13.16	18.48	23.68	31.73	
24	8		10.16	14.28	18.33	24.47			14.07	19.79	25.34	33.93	
16	10		9.60	13.48	17.28	23.08			13.66	19.20	24.58	32.93	
18	10		10.48	14.73	18.90	25.23			14.86	20.83	26.71	35.78	
20	10		11.32	15.88	20.37	27.21			16.01	22.47	28.78	38.53	
22	10		12.13	17.03	21.88	29.18			17.13	24.08	30.86	41.23	
24	10		13.01	18.26	23.43	31.24	41.61		18.29	25.68	32.88	43.98	58.38
16	12			17.80	22.90	31.00	40.60			25.13	32.10	43.00	57.00
18	12			19.30	24.80	33.10	43.90			27.10	34.70	46.30	61.19
20	12			20.80	26.70	35.70	46.40			29.03	37.20	49.70	65.98
22	12			22.30	28.60	38.20	50.80			31.00	39.70	53.10	70.57
24	12			23.80	30.50	40.80	54.10			32.99	42.30	56.50	75.06
26	12			25.30	32.50	43.30	57.60			35.00	44.90	60.00	79.65
28	12			26.80	34.30	45.80	61.00			36.90	47.30	63.20	84.03
18	14			23.40	30.00	40.10	53.40			33.05	42.40	56.60	75.26
20	14			25.10	32.30	43.10	57.30			35.30	45.20	60.40	80.36
22	14			26.90	34.50	46.10	61.30			37.68	48.30	64.50	85.77
24	14			28.60	36.70	49.10	65.30			39.96	51.30	68.40	91.07
26	14			30.30	38.90	52.00	69.20			42.20	54.10	72.30	96.17
28	14			32.10	41.20	55.10	73.30			44.60	57.20	76.40	101.68
30	14			33.90	43.50	58.10	77.30			46.88	60.00	80.30	106.78

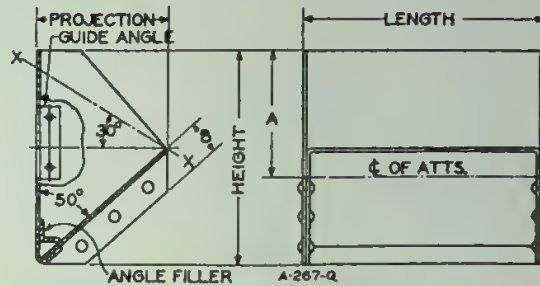
Jeffrey Style D Continuous Buckets



10186

An Angle Filler as shown can be furnished upon request at slight extra cost for service in handling materials tending to pack.

Guide Angles for inclined elevators also furnished at additional cost. See table below.



All Continuous Buckets 26 inches long and over are further strengthened by the addition of a center brace as shown.



6066

THIS type of bucket is used very extensively for handling Broken Stone, Sand, Gravel, Coal, etc. The Jeffrey Continuous Bucket is a two-piece bucket. The ends and back being formed from one-piece with the bottom either welded or riveted on thru the flanges, on the outside of the bucket. In this construction the rivet heads do not come in contact with the material, thus eliminating the annoyance of the buckets pulling apart due to the rivet heads wearing off.

The back is flanged to completely close the joint between the back and bottom of the bucket. This flange also serves as a stiffener to both back and bottom insuring the bucket against buckling when handling heavy materials.

List Prices and Dimensions of Style D Buckets

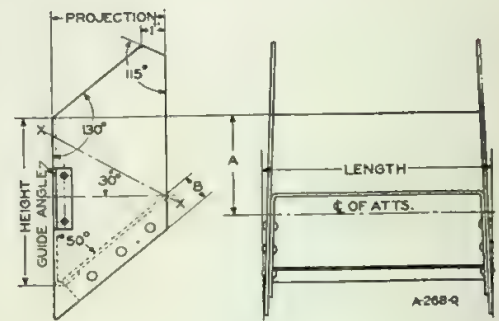
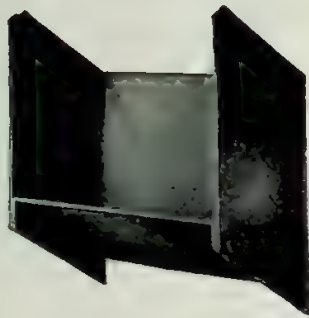
Size of Bucket			Capacity Cu. Ft. At XX	A In.	Gauge Steel—List Price Each					Gauge Steel—Weight Lbs.				
Length In.	Projection In.	Height In.			14	12	10	$\frac{3}{16}$	$\frac{1}{4}$	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$
8	5	7 $\frac{3}{4}$	.082	4 $\frac{1}{16}$	\$1.95	\$2.15	\$2.35			4.5	6.3	8.1		
10	5 $\frac{1}{2}$	8 $\frac{3}{4}$	.124	5 $\frac{1}{16}$	2.25	2.45	2.70			5.9	8.2	10.5		
11	6	8 $\frac{3}{4}$	.162	5 $\frac{1}{16}$		2.65	2.90				9.5			
12	6	8 $\frac{3}{4}$	.177	5 $\frac{1}{16}$		2.75	3.00				10.1			
8	8	11 $\frac{3}{4}$	.210	7 $\frac{1}{16}$		2.90	3.20				12.2	14.7		
10	8	11 $\frac{3}{4}$	.263	7 $\frac{1}{16}$		3.10	3.45				13.5	16.3		
12	6	11 $\frac{3}{4}$	.177	7 $\frac{1}{16}$		3.00	3.30	\$ 3.70			12.4	16.0	21.0	
12	7	11 $\frac{3}{4}$	.206	7 $\frac{1}{16}$		3.15	3.50	3.90			13.6	17.5	23.1	
12	8	11 $\frac{3}{4}$	.316	7 $\frac{1}{16}$		3.30	3.70	4.20			14.2	18.2		
14	8	11 $\frac{3}{4}$	.367	7 $\frac{1}{16}$		3.50	3.95	4.50			16.4	21.0	28.0	
16	8	11 $\frac{3}{4}$	.419	7 $\frac{1}{16}$		3.75	4.30	4.90	\$5.80		17.5	22.0	30.0	39.6
18	8	11 $\frac{3}{4}$	.472	7 $\frac{1}{16}$		4.05	4.70	5.30	6.20		19.0	24.7	33.0	44.0
20	8	11 $\frac{3}{4}$	.524	7 $\frac{1}{16}$		4.40	5.25	5.85	6.80		20.3	26.0	34.0	45.0
22	8	11 $\frac{3}{4}$	.576	7 $\frac{1}{16}$			5.60	6.30	7.40			28.0	37.0	49.0
24	8	11 $\frac{3}{4}$	.629	7 $\frac{1}{16}$			6.10	6.80	8.00			30.0	40.0	53.0
24	10	11 $\frac{3}{4}$	.810	7 $\frac{1}{16}$			6.75	7.60	9.00			33.6	44.8	59.7
16	12	17 $\frac{3}{4}$	.944	10 $\frac{1}{16}$			7.00	8.00	9.60			36.0	50.0	67.0
20	12	17 $\frac{3}{4}$	1.180	10 $\frac{1}{16}$			8.00	9.10	10.80			42.2	58.0	78.0
24	12	17 $\frac{3}{4}$	1.416	10 $\frac{1}{16}$			9.00	10.20	12.10			48.0	66.0	88.0
30	12	17 $\frac{3}{4}$	1.768	10 $\frac{1}{16}$				13.00	15.70				74.0	100.0
36	12	17 $\frac{3}{4}$	2.122	10 $\frac{1}{16}$				16.00	19.00				87.0	116.0
42	12	17 $\frac{3}{4}$	2.476	10 $\frac{1}{16}$				20.00	23.50				100.0	133.0
42	16	23 $\frac{3}{4}$	4.400	14 $\frac{1}{16}$				26.50	31.00				138.0	182.0
48	12	17 $\frac{3}{4}$	2.830	10 $\frac{1}{16}$				24.00	28.00				111.0	148.0
48	16	23 $\frac{3}{4}$	5.030	14 $\frac{1}{16}$				31.00	36.00				152.0	200.0

* Working Capacities should be 80% of those listed.

For Guide Angles, Add to List Price Per Bucket as Follows:

Height of Bucket	List Price	Size Angle	Length In.	Approx Weight Lbs.—Per Pair
7 $\frac{3}{4}$ "	\$0.80	2 $\frac{1}{2}$ x 2 x $\frac{5}{16}$	4 $\frac{1}{2}$	2.4
8 $\frac{3}{4}$ "	0.90	2 $\frac{1}{2}$ x 2 x $\frac{5}{16}$	4 $\frac{1}{2}$	2.4
11 $\frac{3}{4}$ "	1.00	2 $\frac{1}{2}$ x 2 x $\frac{5}{16}$	4 $\frac{1}{2}$	2.4
17 $\frac{3}{4}$ "	1.20	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{8}$	5 $\frac{1}{2}$	5.4
23 $\frac{3}{4}$ "	1.60	2 $\frac{1}{2}$ x 2 $\frac{1}{2}$ x $\frac{3}{8}$	5 $\frac{1}{2}$	5.4

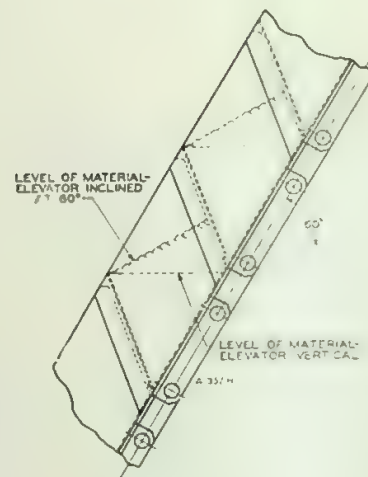
Jeffrey Style D-1 Continuous Buckets



THE Style D-1 Continuous Bucket is a modified form of the style D bucket with the sides extended.

They are used on elevators inclined about 60 degrees to the horizontal, the extended sides serving, at this flat angle, to increase the capacity to that of the Style D.

For Guide Angles see page 219.

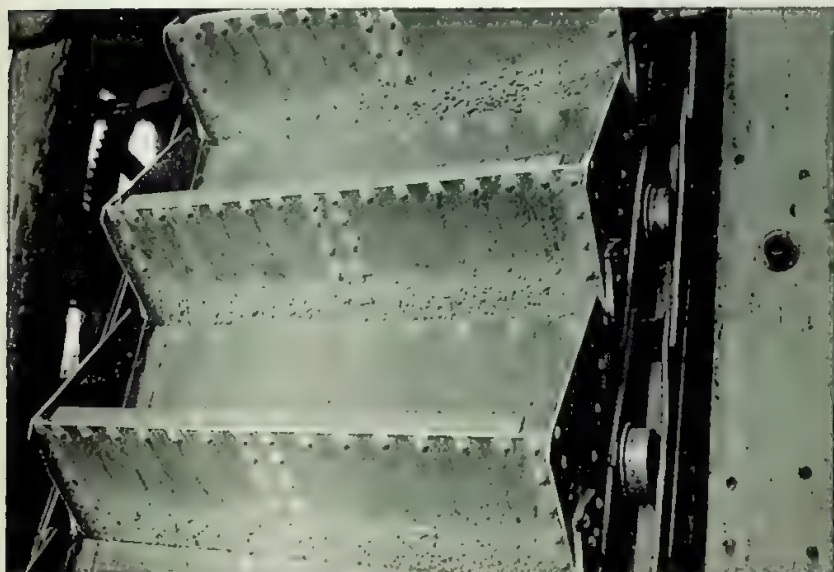


List Prices and Dimensions of Style D-1 Buckets

Size of Bucket			* Capacity Cu. Ft. At XX	A In.	B In.	Gauge Steel— List Price Each					Gauge Steel Weight, Lbs.				
Length In.	Projection In.	Height In.				14	12	10	$\frac{3}{16}$	$\frac{1}{4}$	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$
8	5	7 $\frac{3}{4}$	.082	4 $\frac{11}{16}$	1 $\frac{1}{4}$	\$2.25	\$2.45	\$2.65			5.1	7.1	9.2		
10	5 $\frac{1}{2}$	8 $\frac{3}{4}$	.124	5 $\frac{7}{16}$	1 $\frac{1}{4}$	2.55	2.80	3.10			6.6	9.2	11.8		
12	6	11 $\frac{3}{4}$	.177	7 $\frac{3}{16}$	1 $\frac{1}{2}$		3.50	4.00	\$4.40			13.2	17.0	22.7	
12	7	11 $\frac{3}{4}$	.206	7 $\frac{3}{16}$	1 $\frac{1}{2}$		3.70	4.20	4.80			14.5	18.6	24.8	
14	8	11 $\frac{3}{4}$	.367	7 $\frac{3}{16}$	1 $\frac{1}{2}$		4.20	4.90	5.60			17.5	22.5	30.0	
16	8	11 $\frac{3}{4}$	.419	7 $\frac{3}{16}$	1 $\frac{1}{2}$		4.55	5.30	6.10	\$7.30			24.2	32.3	43.0
18	8	11 $\frac{3}{4}$	.472	7 $\frac{3}{16}$	1 $\frac{1}{2}$		4.80	5.80	6.60	7.80			26.0	35.0	47.0
20	8	11 $\frac{3}{4}$	.524	7 $\frac{3}{16}$	1 $\frac{1}{2}$		5.20	6.35	7.20	8.40			27.0	36.0	48.0
22	8	11 $\frac{3}{4}$	.576	7 $\frac{3}{16}$	1 $\frac{1}{2}$			6.80	7.80	9.00			29.0	39.0	52.0
24	8	11 $\frac{3}{4}$	.629	7 $\frac{3}{16}$	1 $\frac{1}{2}$			7.30	8.40	9.60			31.0	42.0	55.0
30	12	17 $\frac{3}{4}$	1.768	10 $\frac{11}{16}$	1 $\frac{1}{2}$				16.50	19.50				77.0	104.0
36	12	17 $\frac{3}{4}$	2.122	10 $\frac{11}{16}$	1 $\frac{1}{2}$				19.50	23.50				90.0	120.0
42	12	17 $\frac{3}{4}$	2.476	10 $\frac{11}{16}$	1 $\frac{1}{2}$				25.50	29.50				103.0	137.0
42	16	23 $\frac{3}{4}$	4.400	14 $\frac{7}{16}$	2				33.00	38.00				141.5	186.5
48	12	17 $\frac{3}{4}$	2.830	10 $\frac{11}{16}$	1 $\frac{1}{2}$				31.00	35.00				113.5	151.5
48	16	23 $\frac{3}{4}$	5.030	14 $\frac{7}{16}$	2				38.00	44.00				156.0	204.0

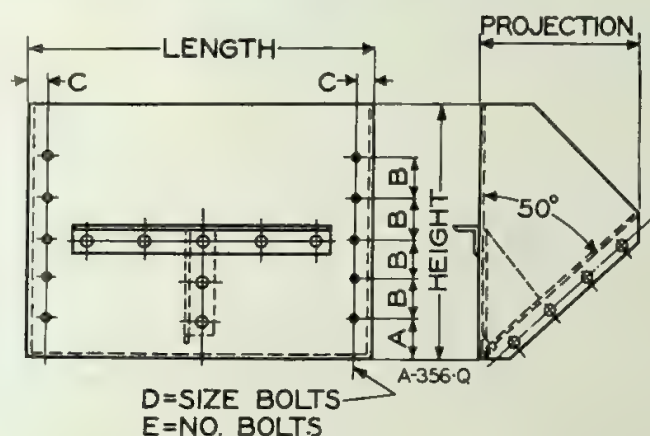
* Working Capacities should be 80% of those listed.

Jeffrey Heavy Duty Continuous Buckets



THE Heavy Duty Continuous Buckets are heavy style D Buckets for very severe service such as encountered in the handling of crushed stone.

They are made of $\frac{1}{4}$ -inch steel plate with a $\frac{1}{4}$ -inch diaphragm thru the middle and are heavily reinforced with angles on both lip and back. The back of the bucket is punched at each end for D-21 $\frac{1}{2}$ attachments, shown on page 102, and the buckets are mounted on two strands of heavy Steel Thimble Roller Chain as listed below.

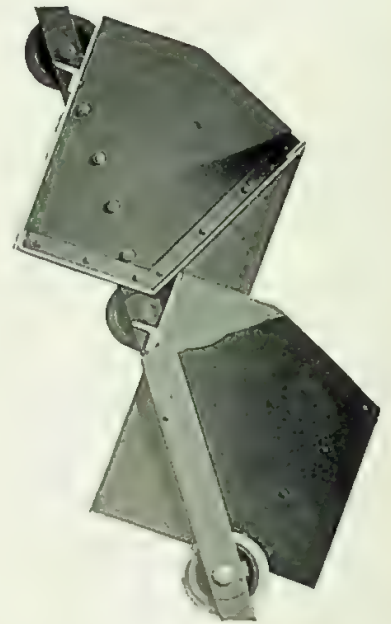


List Prices and Dimensions of Heavy Duty Buckets

Size Bucket			List Price Each	* Capacity Cu. Ft. At Level XX	Approx. Weight Lbs.	Dimensions—Inches					Works on Chains No.
Length In.	Projection In.	Height In.				A	B	C	D	E	
24	12	17 $\frac{3}{4}$	\$20.00	1.42	91	4 $\frac{1}{2}$	4	1 $\frac{1}{4}$	$\frac{5}{8}$	3	182 $\frac{1}{2}$ 1187
30	12	17 $\frac{3}{4}$	25.00	1.77	109	4 $\frac{1}{2}$	4	1 $\frac{1}{4}$	$\frac{5}{8}$	3	182 $\frac{1}{2}$ 1187
30	16	23 $\frac{3}{4}$	38.00	3.15	156	5	4 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{3}{4}$	4	1164 1183 1184
36	16	23 $\frac{3}{4}$	45.00	3.78	182	5	4 $\frac{1}{4}$	1 $\frac{1}{2}$	$\frac{3}{4}$	4	1164 1183 1184
42	20	29 $\frac{3}{4}$	67.00	6.88	263	6 $\frac{5}{8}$	5 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{4}$	5	1076 $\frac{1}{2}$ 1185 1186
48	20	29 $\frac{3}{4}$	76.00	7.86	291	6 $\frac{5}{8}$	5 $\frac{1}{2}$	1 $\frac{1}{2}$	$\frac{3}{4}$	5	1076 $\frac{1}{2}$ 1185 1186

* Working Capacities should be 80% of those listed.

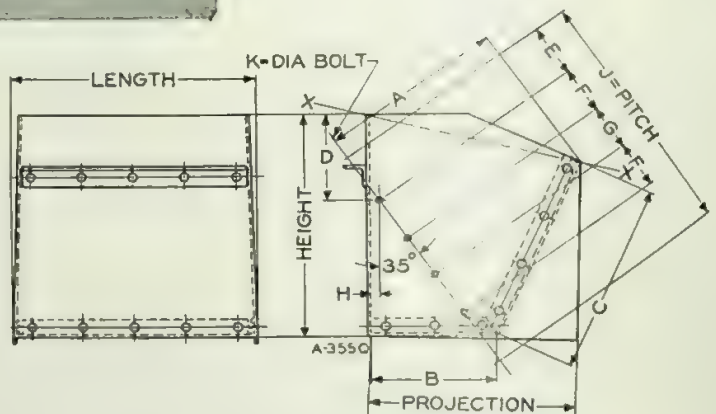
Jeffrey Super-Capacity Continuous Buckets



THE Super-Capacity Bucket has the advantage over all other types of continuous buckets, in that, due to its shape and manner of mounting on the chain, it will carry a much larger percentage of maximum size material.

Jeffrey Super Capacity Buckets are constructed of $\frac{1}{4}$ inch steel plate, heavily riveted, and have reinforcing angles on the backs and lips. In the 42 inch and 48 inch buckets $\frac{1}{4}$ -inch steel diaphragms are used in the middle as an additional brace.

The ends are punched and the buckets are bolted directly to the side bars of two strands of Steel Thimble Roller Chain as listed below.



Dimensions of Jeffrey Super Capacity Buckets

Size Bucket			List Price Each	* Capacity Cu. Ft. At Level XX	Approx. Weight Lbs.	Dimensions—Inches											Works on Chains No.
Length In.	Projection In.	Height In.				A	B	C	D	E	F	G	H	J	K		
24	15	18	On Application	2.44	122	13¾	8½	14⅜	8⅝	5	4	.....	1¼	18	½	182½ 1187 1197
24	20	24		4.36	168	17¼	12	18¼	8⅞	5¼	4½	4½	1⅜	24	¾	1164 1183 1184	
30	20	24		5.45	195	17¼	12	18¼	8⅞	5¼	4½	4½	1⅜	24	¾	1086½ 1164 1184	
36	20	24		6.54	222	17¼	12	18¼	8⅞	5¼	4½	4½	1⅜	24	¾	1086½ 1164 1184	
42	20	24		7.63	275	17¼	12	18¼	8⅞	5¼	4½	4½	1⅜	24	¾	1086½ 1164 1184	
48	20	24		8.72	301	17¼	12	18¼	8⅞	5¼	4½	4½	1⅜	24	¾	1086½ 1164 1184	

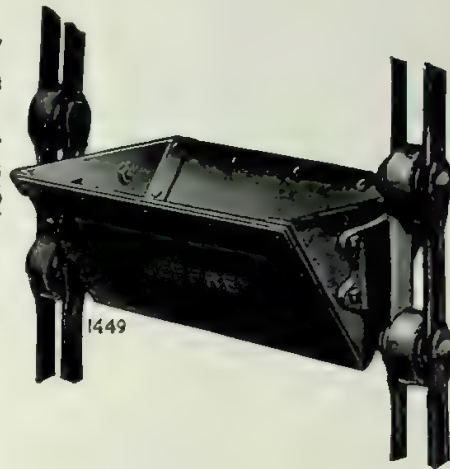
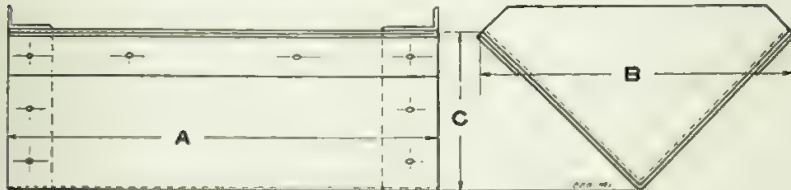
*Working Capacities should be 80% of those listed.

Jeffrey Steel "V" Buckets

JEFFREY Steel V-Buckets are designed not only to elevate material but to act as scrapers on the horizontal.

The edges of the buckets are re-enforced with $1\frac{1}{2}$ " x $\frac{3}{16}$ " stiffening bars for 12" x 6", 14" x 7" and 16" x 8" buckets. On other sizes 2" x $\frac{1}{4}$ " stiffening bars are used.

On the Jeffrey Standard V-Bucket Elevators and Conveyors the following selected Chains are used in connection with the VE-1 Attachments: 516 and 518 F & R., 526 and 558 Vulcan, 126C. M. R., 951, 276, 180 and 182 $\frac{1}{2}$ S. T. R.

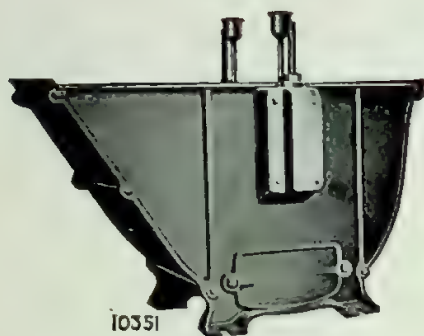


A Length	B Width	C Depth	Ca- pacity in Cu. Feet	Gauge of Steel—List Price Each					Gauge of Steel—Weight in Lbs.				
				12	10	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	12	10	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "
16	12	6	.306	\$4.10	\$ 4.70	\$ 5.30			16.8	20.7	26.5		
18	12	6	.345	4.40	5.00	5.60			18.4	22.6	28.8		
20	12	6	.384	4.70	5.40	6.00			19.8	24.3	30.9		
22	12	6	.423	5.00	5.70	6.30			21.1	26.0	33.0		
24	12	6	.463	5.30	6.00	6.60			22.5	27.6	35.1		
18	14	7	.473	5.00	5.70	6.40			21.9	27.0	34.6		
20	14	7	.527	5.30	6.10	6.80			23.4	28.9	37.0		
24	14	7	.633	6.00	6.80	7.60			26.6	32.8	42.0		
28	14	7	.741	6.80	7.60	8.40			29.9	36.8	47.0		
20	16	8	.693	6.20	7.20	8.00			26.5	32.9	42.3		
24	16	8	.835	7.00	8.20	9.10			30.0	37.2	47.9		
28	16	8	.977	7.90	9.20	10.10			33.6	41.7	53.5		
32	16	8	1.116	8.90	10.20	11.10			37.1	46.0	59.0		
24	18	9	1.035		9.20	10.20	\$11.80			45.6	57.9	74.6	
28	18	9	1.210		10.20	11.20	13.00			50.9	64.5	84.0	
32	18	9	1.383		11.20	12.20	14.20			56.3	71.2	91.5	
36	18	9	1.556		12.20	13.40	15.40			61.4	77.8	99.8	
26	20	10	1.390		10.60	11.90	13.80			53.5	68.3	88.1	
30	20	10	1.615		12.00	13.40	15.60			59.4	75.5	97.4	
36	20	10	1.940		13.80	15.80	18.60			68.0	86.3	111.2	
40	20	10	2.160		15.40	17.40	20.60			73.7	93.5	120.4	
30	24	12	2.290			16.00	19.00	\$23.50			91.4	118.5	145.6
36	24	12	2.770			19.00	22.20	27.40			104.0	134.7	165.4
42	24	12	3.230			22.00	25.60	31.40			116.7	151.0	185.3
48	24	12	3.700			25.00	29.20	35.60			129.2	167.1	205.1

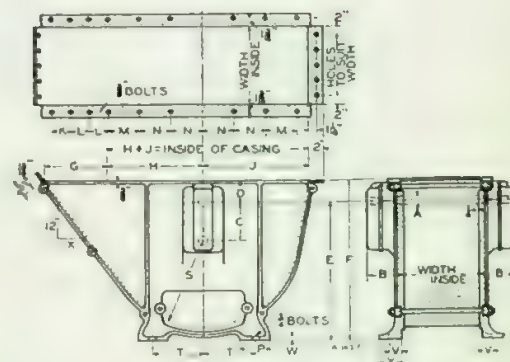
Jeffrey Elevator Boots

Cast Iron

The Standard Cast Iron Boot works in the same place with and has all the qualities of the steel boot. It is practically all built of cast iron with the exception of the renewable curved steel bottom plate and will withstand the corrosive action of such materials as wet ashes better than steel.



10351



No. of Boot	Dimensions in Inches																			
	A	B	C	D	E	F	G	H	J	K	L	M	N	P	S	T	V	W	X	Y
111	1 $\frac{3}{16}$	4 $\frac{7}{8}$	6	3 $\frac{7}{8}$	18 $\frac{3}{8}$	22 $\frac{1}{4}$	9	12	13	0	4 $\frac{1}{4}$	0	5	4	11	6 $\frac{3}{4}$	2	2 $\frac{7}{8}$	8 $\frac{7}{8}$	3
112	1 $\frac{7}{16}$	5 $\frac{3}{8}$	6 $\frac{1}{2}$	3 $\frac{5}{8}$	23 $\frac{1}{4}$	26 $\frac{7}{8}$	10	16	17	3	3	5	5	4 $\frac{1}{2}$	15	8 $\frac{1}{4}$	2	1 $\frac{1}{2}$	8 $\frac{3}{4}$	3 $\frac{1}{4}$
113	1 $\frac{15}{16}$	5 $\frac{5}{8}$	8	4 $\frac{13}{16}$	27 $\frac{3}{4}$	32 $\frac{1}{8}$	12	19	20	3 $\frac{3}{4}$	3 $\frac{3}{4}$	5 $\frac{3}{4}$	5 $\frac{3}{4}$	5	18	10	2 $\frac{1}{4}$	2 $\frac{9}{16}$	8 $\frac{2}{16}$	3 $\frac{1}{2}$
114	2 $\frac{7}{16}$	5 $\frac{7}{8}$	10	5 $\frac{3}{4}$	33	38 $\frac{3}{4}$	15	22	23	4 $\frac{3}{4}$	4 $\frac{3}{4}$	6 $\frac{3}{4}$	6 $\frac{3}{4}$	6	21	12	2 $\frac{1}{2}$	2 $\frac{5}{8}$	8 $\frac{2}{16}$	4

Width inside of Boot should be the same as width inside of elevator casing.

Nominal Width Inside = overall of buckets when hung on back or overall of chains when hung on ends + 3 inches for elevators up to 40 feet centers and 4 inches for elevators above 40 feet centers.

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Length and Projection of Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	†List Price without Pulley or Sprocket	No. of Boot	Length and Projection of Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	†List Price without Pulley or Sprocket	
111	3 x3	14	1 $\frac{3}{16}$	222	\$ 71.00	113	12x 6	21	1 $\frac{5}{16}$	520	\$123.50	
	3½x3	13		224			12x 7	18				
	4 x3	14		226			14x 6	21	1 $\frac{5}{16}$	530	125.00	
	4 x3½	13		226			14x 7	18				
	4½x3	14	1 $\frac{3}{8}$	228	71.50		16x 6	21	1 $\frac{11}{16}$	540	126.50	
	4½x3½	13		228			16x 7	18				
	5 x3½	13		230			18x 6	21	1 $\frac{15}{16}$	550	128.00	
	5 x4	12		230			18x 7	18				
	5½x4	12		232			20x 6	21				1 $\frac{15}{16}$	560	130.00
6 x4	12	234	20x 7	18								
112	7 x4½	18	1 $\frac{7}{8}$	320	87.00	114	14x 8	22	2 $\frac{7}{16}$	800	171.00	
	8 x5	17		325	87.50		16x 8	22		820	173.00	
	9 x5	17		330	88.00		18x 8	22		840	175.00	
	10 x5½	16		335	88.50		20x 8	22		860	177.00	
113	10 x6	21	1 $\frac{11}{8}$	510	122.00		22x 8	22		880	179.00	
	10 x7	18		510			24x 8	22		900	181.00	
	11 x6	21		515			24x10	18		900	181.00	
	11 x7	18		515								

†For price of Boot complete with Sprocket or Pulley add to above price the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.

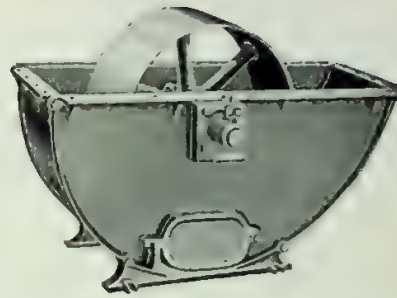
For Boots with centrally hung buckets add price of two Sprockets.

†Sizes of wheels listed, permit $\frac{3}{4}$ " for height of attachment back of buckets to center of chain.

Jeffrey Elevator Boots

Rigid Bearing Elevator Boots

This boot, designed for handling Ashes, Sand, Ores and similar gritty materials, is made in two sizes. It has heavy cast iron sides with $\frac{1}{4}$ -inch steel bottom plate. The bearings are rigid and dust-proof for protection from wear of the abrasive materials handled.

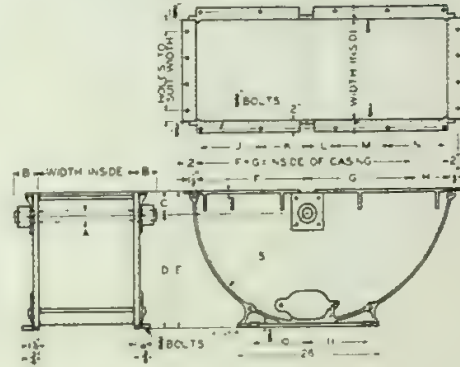


No. of Boot	Dimensions in Inches													
	A	B	C	D	E	F	G	H	J	K	L	M	N	S
57	2 $\frac{7}{16}$	3 $\frac{3}{4}$	4	20	24	20 $\frac{5}{8}$	19 $\frac{1}{2}$	6 $\frac{3}{4}$	11 $\frac{1}{2}$	8 $\frac{5}{8}$	5 $\frac{1}{4}$	9 $\frac{3}{4}$	10 $\frac{1}{2}$	18 $\frac{1}{2}$
58	2 $\frac{7}{16}$	4	4 $\frac{9}{16}$	21 $\frac{7}{16}$	26	20 $\frac{5}{8}$	21 $\frac{1}{4}$	8 $\frac{1}{4}$	11 $\frac{1}{2}$	8 $\frac{5}{8}$	5 $\frac{1}{4}$	11 $\frac{1}{4}$	12	20 $\frac{1}{4}$

List Prices of Boots—Without Sprocket or Pulley

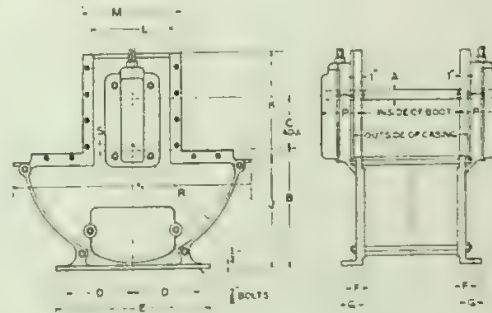
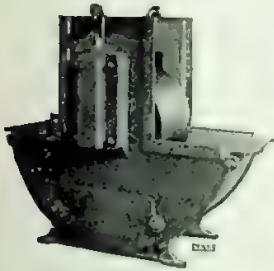
Boot No.	Length of Bucket	Dia. of Pulley or Sprocket	Approx. Weight Lbs.	List* Price
57	6"-7"	23"	375	\$115.00
57	8"	21"	390	117.00
57	10"	19"	405	118.50
58	12"	21"	450	125.00
58	14"	21"	465	126.50
58	16"	19"	480	128.00
58	20"	19"	510	132.00

*Price includes boot complete with 2 $\frac{7}{16}$ " shaft and bearings but without pulley or sprocket. For price of boot complete with sprocket or pulley add to above price listed the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.



Light Type Cast Iron Elevator Boots

A light weight elevator boot for use in the handling of Cotton Seed and other products of the same nature. It is used in connection with a double leg wood elevator casing.



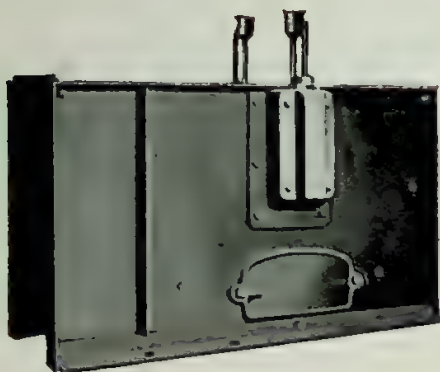
No. Boot	A	B	C	D	E	F	G	J	K	L	M	N	P	R	S
15	1 $\frac{3}{16}$	13 $\frac{3}{8}$	6	8 $\frac{5}{8}$	19	1 $\frac{3}{8}$	2 $\frac{5}{8}$	12 $\frac{1}{4}$	12 $\frac{1}{4}$	10	12	29 $\frac{1}{4}$	4 $\frac{3}{4}$	12 $\frac{7}{8}$	$\frac{7}{8}$
16	1 $\frac{7}{16}$	14 $\frac{3}{4}$	6 $\frac{1}{2}$	8 $\frac{7}{8}$	20 $\frac{1}{4}$	1 $\frac{3}{8}$	2 $\frac{5}{8}$	13	15	11	13	33 $\frac{1}{2}$	5 $\frac{3}{8}$	15 $\frac{3}{4}$	1 $\frac{1}{4}$
17	1 $\frac{5}{16}$	16 $\frac{1}{8}$	8	10	23	1 $\frac{3}{8}$	2 $\frac{5}{8}$	15 $\frac{1}{8}$	15 $\frac{1}{8}$	12 $\frac{5}{8}$	14 $\frac{3}{8}$	38	5 $\frac{3}{8}$	17 $\frac{3}{8}$	1 $\frac{1}{2}$

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Length and Projection of Bucket	Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	List Price without Pulley or Sprocket	No. of Boot	Length and Projection of Bucket	Diam. of Pulley or Sprocket	Diam. of Shaft Inches	Approx. Weight Lbs.	List Price without Pulley or Sprocket		
15	3 x3	12"	1 $\frac{3}{16}$	170	\$51.00	17	10x6	16"	1 $\frac{1}{8}$	370	\$85.00		
	4 x3 $\frac{1}{2}$						11x7						
	4 $\frac{1}{2}$ x3	12"	1 $\frac{3}{16}$	175	51.50		12x6			380	86.50		
	5 x4						12x7						
	5 $\frac{1}{2}$ x4						14x6						
6 x4	12"	1 $\frac{3}{16}$	186	52.00	14x7		390			88.00			
					16x6								
16	7 x4 $\frac{1}{2}$	14"	1 $\frac{7}{16}$	215	57.50		16x7			400	90.00		
	8 x5			220	58.00		18x6					410	92.00
	9 x5			225	58.50		18x7						
	10 x5 $\frac{1}{2}$			230	59.00	20x6	420	94.00					
						20x7							

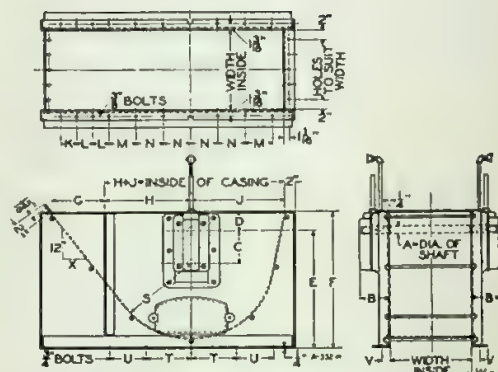
Jeffrey Elevator Boots

Steel



The Steel Boot is the most rigid in construction of all the boots and is well adapted to use with self supporting elevators with steel casings. Bearings are adjustable and the receiving throat is steeply sloped to insure flowing material being readily picked up.

It is dust tight and provided with large clean out doors on both sides. The flange or leg seat is perfectly flat and no special work is needed to fit the elevator leg.



Dimensions—Inches

No. of Boot	A	B	C	D	E	F	G	H	J	K	L	M	N	S	T	U	V	W	X
1111	1 $\frac{3}{16}$	4 $\frac{7}{8}$	6	3 $\frac{7}{8}$	18 $\frac{3}{8}$	22 $\frac{1}{4}$	18 $\frac{3}{8}$	12	13	0	4 $\frac{1}{4}$	0	5	11	6 $\frac{3}{4}$	4 $\frac{1}{2}$	2	3	8 $\frac{7}{8}$
1112	1 $\frac{7}{8}$	5 $\frac{3}{8}$	6 $\frac{1}{2}$	3 $\frac{5}{8}$	23 $\frac{1}{4}$	26 $\frac{7}{8}$	23 $\frac{1}{4}$	16	17	3	3	5	5	15	8 $\frac{1}{4}$	6 $\frac{3}{4}$	2	3	8 $\frac{3}{4}$
1113	1 $\frac{1}{4}$	5 $\frac{5}{8}$	8	4 $\frac{1}{8}$	27 $\frac{3}{4}$	32 $\frac{3}{8}$	27 $\frac{3}{4}$	19	20	3 $\frac{3}{4}$	3 $\frac{3}{4}$	5 $\frac{3}{4}$	5 $\frac{3}{4}$	18	10	8	2 $\frac{1}{4}$	3	8 $\frac{1}{8}$
1114	2 $\frac{1}{16}$	5 $\frac{7}{8}$	10	5 $\frac{3}{4}$	33	38 $\frac{3}{4}$	33	22	23	4 $\frac{3}{4}$	4 $\frac{3}{4}$	6 $\frac{3}{4}$	6 $\frac{3}{4}$	21	12	9	2 $\frac{1}{2}$	3 $\frac{1}{2}$	8 $\frac{1}{8}$

Width inside of Boot should be the same as width inside of elevator casing.

Nominal Width Inside = overall of buckets when hung on back or overall of chains when hung on ends + 3 inches, for elevators up to 40 feet centers and 4 inches for elevators above 40 feet centers.

List Prices of Boots—Buckets Hung by Back to Belt or Chain

No. of Boot	Size Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft	Approx. Weight Lbs.	†List Price Without Pulley or Sprocket	No. of Boot	Size Bucket	†Diam. of Pulley or Sprocket	Diam. of Shaft	Approx. Weight Lbs.	†List Price Without Pulley or Sprocket	
1111	3 x3	14	1 $\frac{1}{8}$	248	\$71.00	1113	12x 6	21	1 $\frac{1}{8}$	485	\$123.50	
	3 $\frac{1}{2}$ x3	13		250			12x 7	18		485		
	4 x3	14		251			14x 6	21		496		
	4 x3 $\frac{1}{2}$	13		251			14x 7	18		496		
	4 $\frac{1}{2}$ x3	14	1 $\frac{3}{8}$	253	71.50		16x 6	21	1 $\frac{1}{8}$	506	126.50	
	4 $\frac{1}{2}$ x3 $\frac{1}{2}$	13		253			16x 7	18		506		
	5 x3 $\frac{1}{2}$	13		255			18x 6	21	1 $\frac{1}{8}$	517	128.00	
	5 x4	12		255			18x 7	18		517		
5 $\frac{1}{2}$ x4	12	1 $\frac{3}{8}$	257	72.00	20x 6	21	1 $\frac{1}{8}$	527	130.00			
6 x4	12		258		20x 7	18		527				
1112	7 x4 $\frac{1}{2}$	18	1 $\frac{7}{8}$	341	87.00	1114	14x 8	22	2 $\frac{7}{16}$	719	171.00	
	8 x5	17		345	87.50		16x 8	22		740	173.00	
	9 x5	17		349	88.00		18x 8	22		761	175.00	
	10 x5 $\frac{1}{2}$	16		353	88.50		20x 8	22		782	177.00	
1113	10 x6	21	1 $\frac{1}{2}$	475	122.00		22x 8	22		803	179.00	
	10 x7	18		475			24x 8	22		824	181.00	
	11 x6	21		480			24x10	18	824	181.00		
	11 x7	18		480								

†For price of Boot complete with Sprocket or Pulley add to above price the price of sprocket or pulley of equivalent diameter to that listed for the various sizes of buckets.

For Boots with centrally hung buckets add price of two Sprockets.

†Sizes of wheels listed, permit $\frac{3}{4}$ inch for height of attachment back of buckets to center of chain.

Jeffrey Bolts for Elevators and Conveyors

Square Head Machine Bolts
with Cold Pressed
Hexagon Nuts



List Price per 100

Length in In.	Diameter in Inches										
	$\frac{3}{16}$ & $\frac{1}{4}$	$\frac{5}{16}$	$\frac{3}{8}$	$\frac{7}{8}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	$1\frac{1}{4}$
$\frac{3}{4}$	\$1.75	\$ 2.50	\$ 3.25	\$ 5.15							
1	1.80	2.60	3.40	5.35	\$ 6.50	\$ 9.75					
$1\frac{1}{4}$	1.90	2.70	3.55	5.55	6.70	10.00					
$1\frac{1}{2}$	1.95	2.80	3.75	5.75	6.95	10.25	\$13.55	\$20.80	\$29.05		
2	2.15	3.10	4.05	6.20	7.40	10.75	14.20	21.70	30.20		
$2\frac{1}{2}$	2.35	3.35	4.40	6.70	7.85	11.25	14.85	22.60	31.35		
3	2.50	3.55	4.70	7.10	8.30	11.75	15.50	23.50	32.50	\$51.90	\$63.75
$3\frac{1}{2}$	2.70	3.80	5.05	7.55	8.75	12.25	16.15	24.40	33.65	53.20	65.40
4	3.40	4.05	5.40	8.00	9.20	12.75	16.80	25.30	34.80	54.50	67.05
$4\frac{1}{2}$	3.55	4.75	5.70	8.40	9.65	13.25	17.45	26.20	35.95	55.80	68.70
5	3.70	5.00	6.35	8.85	10.10	13.75	18.10	27.10	37.10	57.10	70.35
$5\frac{1}{2}$	3.85	5.20	6.65	9.30	10.55	14.25	18.75	28.00	38.25	58.40	72.00
6	4.00	5.40	7.00	9.75	11.00	14.75	19.40	28.90	39.40	59.70	73.65
$6\frac{1}{2}$	4.15	5.60	7.30	10.20	11.45	15.25	20.05	29.80	40.55	61.00	75.30
7	4.35	5.85	7.65	10.65	11.90	15.75	20.70	30.70	41.70	62.30	76.95
$7\frac{1}{2}$	4.50	6.05	7.95	11.10	12.35	16.25	21.35	31.60	42.85	63.60	78.60
8	4.70	6.30	8.30	11.55	12.80	16.75	22.00	32.50	44.00	64.90	80.25
$8\frac{1}{2}$	4.85	6.50	8.60	12.00	13.25	17.25	22.65	33.40	45.15	66.20	81.90
9	5.05	6.75	8.95	12.45	13.70	17.75	23.30	34.30	46.30	67.50	83.55
$9\frac{1}{2}$	5.20	6.95	9.25	12.95	14.15	18.25	23.95	35.20	47.45	68.80	85.20
10	5.40	7.20	9.60	13.35	14.60	18.75	24.60	36.10	48.60	70.10	86.85
11	5.75	7.65	10.30	14.20	16.00	19.75	25.90	37.90	50.90	72.70	90.15
12	6.10	8.10	11.00	15.05	16.90	20.75	27.20	39.70	53.20	75.30	93.45
13	6.65	8.75	12.10	16.35	17.80	21.75	28.50	41.50	55.50	77.90	96.75
14	6.95	9.20	12.75	17.20	18.70	22.75	29.80	43.30	57.80	80.50	100.05
15	7.30	9.65	13.40	18.15	19.60	23.75	31.10	45.10	60.10	83.10	103.35
16	7.60	10.10	14.05	19.05	20.50	24.75	32.40	46.90	62.40	85.70	106.65

For Intermediate Lengths take next higher list. For Bolts with Countersunk Heads and Round Necks add to above List Price per 100; \$1.50 for $\frac{1}{2}$ " diam., \$2.25 for $\frac{3}{4}$ " diam., and \$3.25 for $\frac{7}{8}$ " diam. For Countersunk Head Bolts with one slot across head, add to above List Price per 100; \$3.75 for $\frac{1}{2}$ " diam., \$5.50 for $\frac{3}{4}$ " diam., and \$8.25 for $\frac{7}{8}$ " diam.



Standard
Carriage Bolts

Carriage Bolt

List Price per 100

Length in In.	Diameter—Inches						
	With Square Nuts		With Cold Pressed Hexagon Nuts				
	$\frac{1}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$
$\frac{3}{4}$	\$1.35	\$1.90	\$ 3.10				
1	1.40	2.00	3.25	\$ 4.40	\$ 6.10		
$1\frac{1}{4}$	1.45	2.10	3.40	4.60	6.30	\$10.00	
$1\frac{1}{2}$	1.50	2.20	3.60	4.80	6.55	10.25	\$15.00
2	1.65	2.40	3.90	5.25	7.00	10.75	15.75
$2\frac{1}{2}$	1.85	2.65	4.25	5.75	7.45	11.25	16.35
3	2.00	2.85	4.55	6.15	7.90	11.75	17.00
$3\frac{1}{2}$	2.20	3.10	4.90	6.60	8.35	12.25	17.65
4	2.90	3.35	5.25	7.05	8.80	12.75	18.30
$4\frac{1}{2}$	3.05	4.05	5.55	7.45	9.25	13.25	18.95
5	3.20	4.30	6.15	7.90	9.70	13.75	19.60
$5\frac{1}{2}$	3.35	4.50	6.45	8.35	10.15	14.25	20.25
6	3.50	4.70	6.80	8.80	10.60	14.75	20.90
$6\frac{1}{2}$	3.65	4.90	7.10	9.25	11.05	15.25	21.55
7	3.85	5.15	7.45	9.70	11.50	15.75	22.20
$7\frac{1}{2}$	4.00	5.35	7.75	10.15	11.95	16.25	22.85
8	4.20	5.60	8.10	10.60	12.40	16.75	23.50
$8\frac{1}{2}$	4.35	5.80	8.40	11.05	13.35	17.25	24.10
9	4.55	6.05	8.75	11.50	13.80	17.75	24.80
$9\frac{1}{2}$	4.70	6.25	9.05	11.95	14.25	18.25	25.45
10	4.90	6.50	9.40	12.40	14.70	18.75	26.10
11	5.25	6.95	10.10	13.25	15.60	19.75	27.40
12	5.60	7.40	10.80	14.10	16.50	20.75	28.70

Elevator Bolts

"Excelsior" or No. 2 Round Head Bolt.
"Reliance" or No. 4 Corrugated Head Bolt.



Excelsior Head



Reliance Head

List Price per 100.

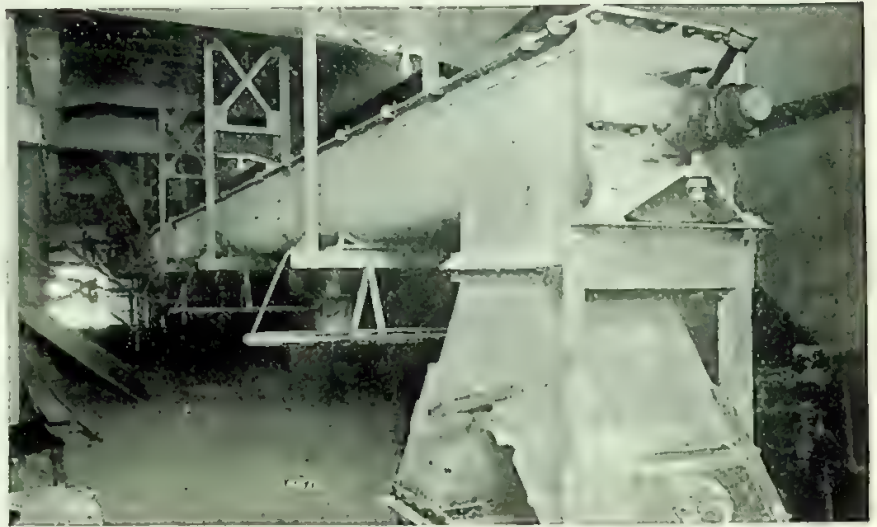
Length in Inches	Diameter in Inches		
	$\frac{1}{16}$ & $\frac{1}{4}$	$\frac{3}{16}$	$\frac{1}{2}$
$\frac{3}{4}$	\$3.30	\$4.50	\$6.00
$\frac{7}{8}$	3.45	4.75	6.40
1	3.45	4.75	6.40
$1\frac{1}{4}$	3.60	5.00	6.80
$1\frac{1}{2}$	3.75	5.25	7.20
$1\frac{3}{4}$	3.90	5.50	7.60
2	4.05	5.75	8.00
$2\frac{1}{4}$	4.20	6.00	8.40
$2\frac{1}{2}$	4.35	6.25	8.80
$2\frac{3}{4}$	4.50	6.50	9.20
3	4.65	6.75	9.60

For Intermediate Lengths, take next higher list.

Jeffrey Spiral Conveyors

JEFFREY Spiral Conveyors are adapted to the handling of loose bulk materials which are not of a very gritty or sticky nature. This type of conveyor, having no return strand, can be installed in a minimum of space, under floors or roofs or through shallow roof trusses.

At the right, discharge end of a Jeffrey Spiral Conveyor in a Cement Plant.



The Spiral Conveyor can be fully enclosed which is often necessary when used to handle dusty or very fine material. Usually the Conveyor operates in a wood trough having a curved steel lining in the bottom although a steel trough is often used. It can be fed at any point along its length and discharged at many places through valves in the trough bottom.

The view at the left shows a Jeffrey Spiral Conveyor distributing materials to storage silos in a large stone quarry.



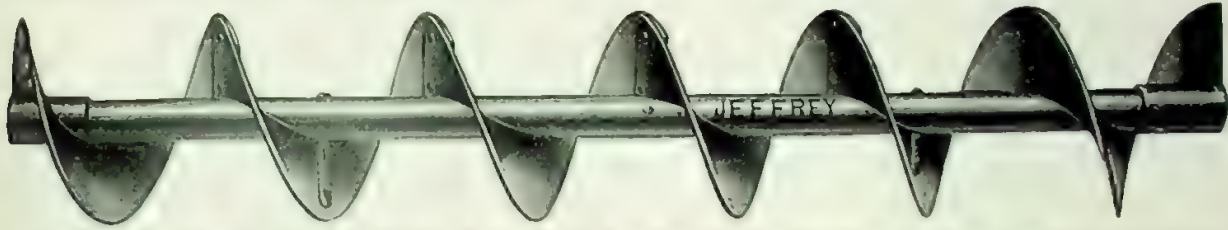
Handling crushed ice in an ice cream plant



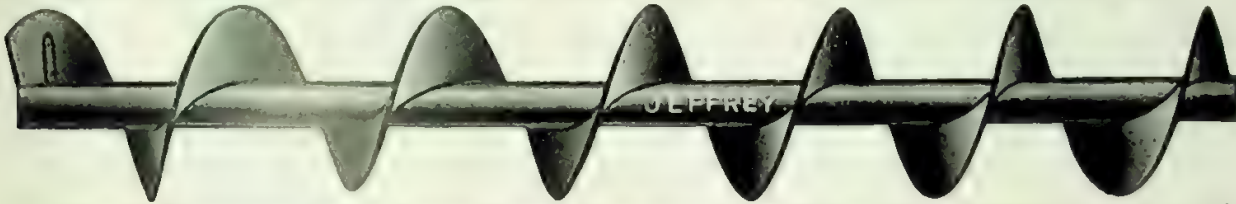
Conveying wheat in flour mill

Jeffrey Spiral Conveyors

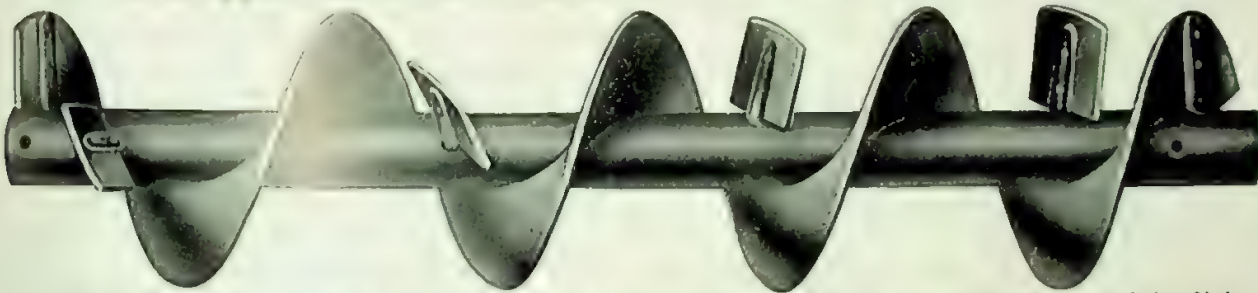
The Spiral Conveyor has the advantage of being the most simple of all conveying devices. There are no outside parts, and as it requires no return strand, it occupies the least space of any form of conveyor. The drive is confined to the turning of a shaft carrying the flights and there is no lineal motion to the conveyor proper.



Jeffrey Sectional Flight Spiral is made of a series of single turns riveted together and securely mounted on a hollow shaft. The flights fit this shaft very closely, and after riveting together, lock tightly in place. As the end flights receive most of the wear they are made extra heavy.



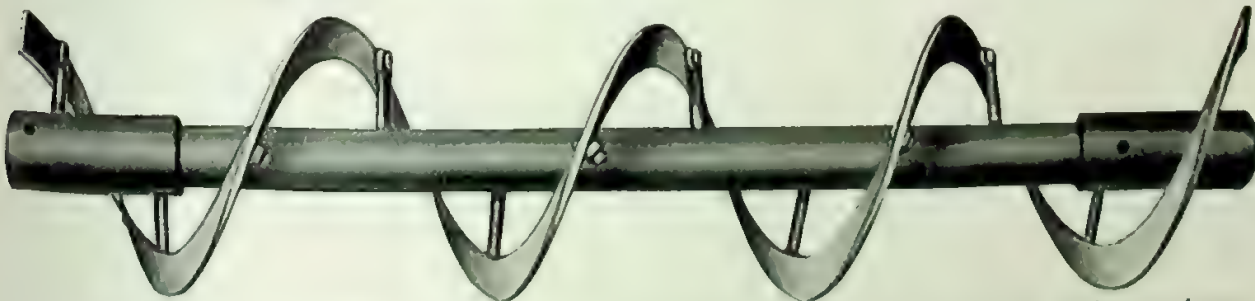
Helicoid Conveyor is constructed much the same as the sectional flight conveyor, except that the flight is rolled from a single, continuous strip of steel. It presents a smooth surface to the material handled on account of the absence of numerous center lugs and riveted joints. Helicoid is used extensively for handling grain and similar non-abrasive materials where the tendency to wear is reduced.



Spiral Conveyor having Mixing Paddles with surfaces pitched opposite to that of the flights is often used to mix two or more materials. The paddles stir up the material and throw part of it back, retarding the flow. This action adapts it to use as a cooling conveyor.



Cut Flight Spiral Conveyor is used to remove grit and dirt from grain, cotton seed, etc., usually in conjunction with perforated lining, and it also serves as a mixer. It will prevent the caking action of materials that have a tendency to pack. A combination of the Cut Flight and the Mixing Paddles is often used.



Ribbon Conveyor is particularly adapted to the handling of sticky materials, such as molasses, hot tar, asphalt and sugar which tend to collect where the flight of the regular conveyor joins the pipe. In the ribbon conveyor the clear space around the pipe avoids this.

The capacity of a ribbon conveyor is about the same as the solid flight of equal size, the action being to move the material forward in a solid stream.

Jeffrey Spiral Conveyors

SPIRAL Conveyors are made to carry loose bulk material which is not of a very gritty or sticky nature and of a maximum size not greater than one fourth the diameter of the spiral. The best service is rendered by a spiral conveyor handling lumpy, unsized or heavy abrasive materials such as Sand, Ashes, etc., when the depth of material does not exceed one-third the diameter of conveyor.

Ordinarily when handling non abrasive material of a size not greater than one-sixteenth the diameter of the conveyor, material should be fed uniformly so it will have a depth in the trough not greater than one-half the diameter of the Conveyor.

Grains and very light materials are often carried to a depth equal to the diameter of the spiral.

The Spiral Conveyor recommends itself for the handling of very fine and dusty materials as the trough can be fully enclosed. Ordinarily the Spiral Conveyor operates in a wood trough having a curved steel lining in the bottom, although a steel trough is often used.

The Spiral Conveyor can be fed at any point along its length and discharged at many places thru valves in the trough.

Spiral Conveyors should never be used to handle material likely to contain foreign substances such as scrap iron.

In selecting the size of a conveyor from the table below, it is always good practice and economy to use the next larger conveyor rather than to exceed "Sized Material" "Maximum Capacities" listed. In all cases the size of Conveyor should be governed by the maximum size piece rather than capacity. If then the capacity is greater than desired reduce the speed until the required capacity is reached. Do not run conveyors faster than necessary to obtain the capacity desired.

Dia. Conveyor Inches	Dia. Coupling Shaft Inches	Size of Pipe		Size Material		Kind Material—Gauge Flights—Max. Speeds—Capacities††								
		Sectional Conveyor	Helicoid Conveyor	Max. Uniform Size **	Max. Un-sized †	Light Non-Abrasive Material as Grain §			Heavy Non-Abrasive Material as Coal §			Heavy Abrasive Material as Sand and Ashes ‡		
						Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.	Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.	Gauge Flights	Max. Speed R.P.M.	Max. Cap'c'y Cu. Ft. Per Hr.
4	1	1	1¼	¾	1	18	220	171	10	110	86	1/8	90	46
6	1½	1½	1¾	¾	1½	16	200	528	10	100	264	1/8	80	138
9	1½	1½	2	¾	2¼	14	175	1659	10	85	806	1/8	70	405
9	2	2	2½	¾	2¼	12	175	1619	10	85	786	1/8	70	405
10	1½	1½	2	¾	2½	12	160	2096	10	80	1048	1/8	65	517
12	2	2	2½	1	3	12	150	3390	1/8	75	1695	1/8	60	822
12	2½	2½	3	1	3	12	150	3330	1/8	75	1665	1/8	60	822
12	3	3	3½	1	3	12	150	3240	1/8	75	1620	1/8	60	822
14	2½	2½	3	1½	3½	10	140	4018	1/8	70	2457	3/8	55	1199
16	3	3	3½	1½	4	10	130	6916	1/8	65	3458	3/8	50	1630
16	3	4	4	1½	4	10	130	6685	1/8	65	3341	3/8	50	1630
18	3	3	-----	1½	4½	10	120	9180	1/8	60	4590	3/8	45	2083
18	3	4	-----	1½	4½	10	120	8900	1/8	60	4590	3/8	45	2083
20	3	3	-----	1¾	5	1/8	115	12155	1/8	55	5813	3/8	45	2862
20	3	4	-----	1¾	5	1/8	115	12155	1/8	55	5813	3/8	45	2862

**About 90% of material of "Maximum Uniform Size" listed.

†Not more than 10% of the material to be of the "Maximum Un-sized" listed.

††Capacities given are at maximum R. P. M. uniform and continuous flow of material for one hour. Other capacities directly proportional to speed. To maintain the listed capacities care must be taken that the quantities required can be fed to the conveyor under the operating conditions.

§Capacity figured with the depth of material equal to one-half diameter of conveyor.

‡Capacity figured with the depth of material equal to one-third diameter of conveyor.

When one conveyor discharges into another, the receiving conveyor, unless of larger diameter, should run 5 R. P. M. faster than the delivering conveyor and may exceed the maximum allowable speed by this amount.

The values given above are not given as specific rules but as guides in good general practice wherein there are acceptable variations depending upon the nature of the material handled, nature of the service, power consumption and the life of the conveyor.

For sticky materials consider use of Ribbon Conveyor. Information furnished upon request.

For wet gritty materials such as Ashes consider the use of Cast Iron Spiral Conveyor. Information furnished upon request.

Turning Spiral Conveyor end for end does not change it from one hand to the other but it does change the side of the flights working against the material.

Reversing the direction of rotation of a conveyor changes the direction in which the material travels.

Conveyors should operate with lugs on side opposite to the one in contact with the material.

Maximum angle of inclination with standard pitch 30 degrees.

Horse-power required for Spiral Conveyors.

$$H. P. = \frac{F C L W}{33000}$$

C = Capacity of Conveyor in cu. ft. per minute.

L = Length of Conveyor in feet.

W = Weight of material in pounds per cu. ft.

F = 1.3 for light non-abrasive materials such as grain.

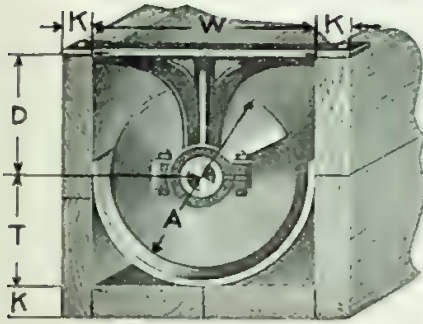
2.5 for heavy non-abrasive materials such as coal, cement, etc.

4.0 for heavy abrasive materials such as Sand, Ashes, etc.

The power required to drive a Spiral Conveyor depends entirely upon the nature of material handled. Therefore the above formula can be only approximately correct.

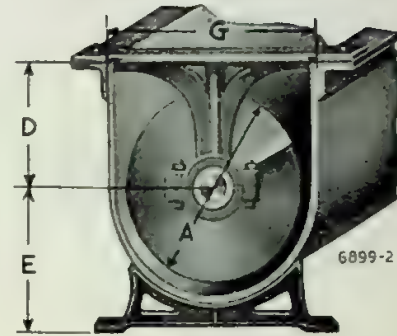
Jeffrey Spiral Conveyors

General Dimensions

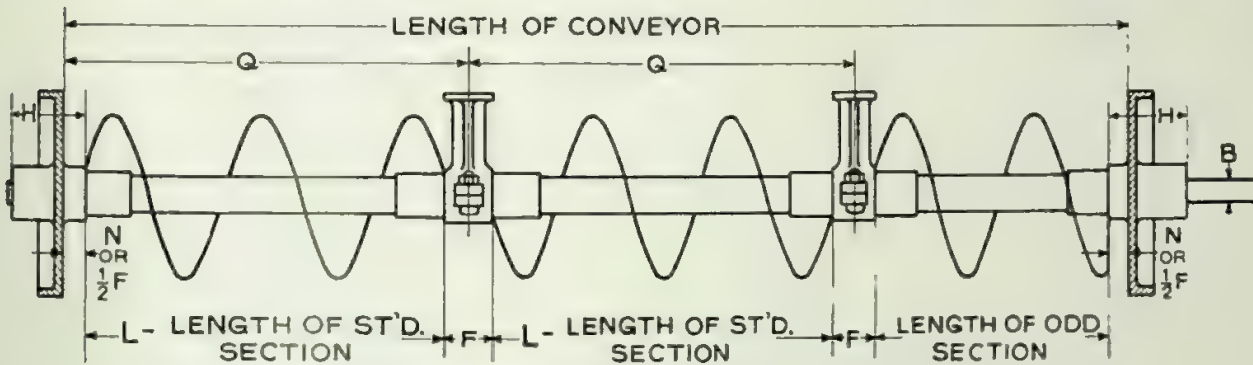


Wood Trough

The length of a Standard Section Q includes the length of one bearing.

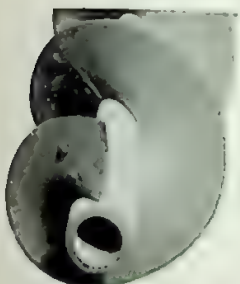


Steel Trough



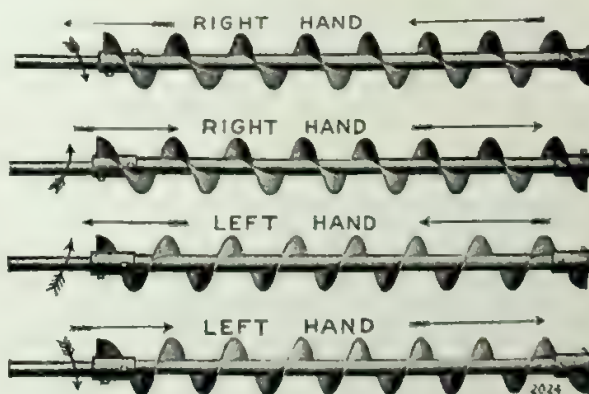
Dia. Con-veyor Inches A	Diam. Coup-ling Shaft Inches B	Size of Pipe		D	E	F*	G	H	K	L	N	Q	T	W
		Sectional Conveyor	Helicoid Conveyor											
4	1	1	1 1/4	3 3/8	3 3/8	1 1/2	5	2	3/8	7'-10 1/2"	3/4	8'-0"	2 1/2	5
6	1 1/2	1 1/2	1 3/4	4 1/2	5	2	7	3	3/4	9'-10"	1	10'-0"	3 1/2	7
9	1 1/2	1 1/2	2	6 1/4	6 1/2	2	10	3	1 1/4	9'-10"	1	10'-0"	5	10
9	2	2	2 1/2	6 1/4	6 1/2	2	10	4	1 1/4	9'-10"	1	10'-0"	5	10
10	1 1/2	1 1/2	2	7	7 1/8	2	11	3	1 1/4	9'-10"	1	10'-0"	5 1/2	11
12	2	2	2 1/2	9	9	2	13 1/4	4	1 3/4	11'-10"	1	12'-0"	6 1/2	13
12	2 1/8	2 1/2	3	9	9	2 1/2	13 1/4	5	1 3/4	11'-9 1/2"	1 1/4	12'-0"	6 1/2	13
12	3	3	3 1/2	9	9	3	13 1/4	6	1 3/4	11'-9"	1 1/2	12'-0"	6 1/2	13
14	2 1/8	2 1/2	3	9 1/4	9 3/8	2 1/2	15 1/2	5	1 3/4	11'-9 1/2"	1 1/4	12'-0"	7 1/2	15
16	3	3	3 1/2	11	10 1/2	3	17 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	8 1/2	17
16	3	4	4	11	10 1/2	3	17 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	8 1/2	17
18	3	3	-----	12 1/2	11 1/2	3	19 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	9 1/2	19
18	3	4	-----	12 1/2	11 1/2	3	19 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	9 1/2	19
20	3	3	-----	12 1/2	12 1/2	3	21 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	10 1/2	21
20	3	4	-----	12 1/2	12 1/2	3	21 1/2	6	1 3/4	11'-9"	1 1/2	12'-0"	10 1/2	21

* Length of space occupied by hangers.



Left Hand Conveyor

When looking at the end of a spiral conveyor, if the spiral curves up towards the left it is a left hand conveyor.



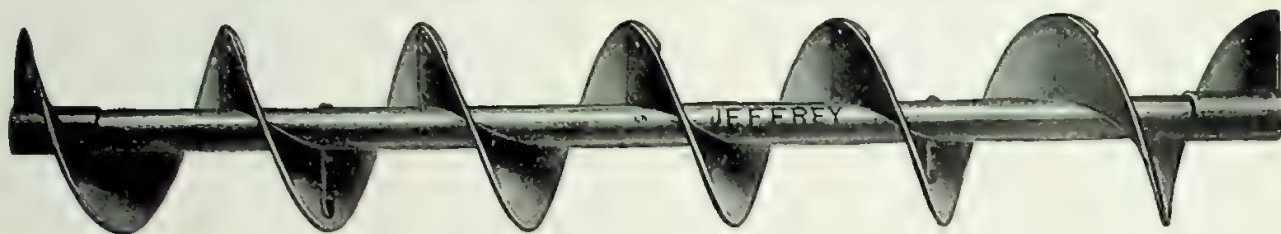
Right Hand Conveyor

When looking at the end of a spiral conveyor, if the spiral curves up towards the right it is a right hand conveyor.

Jeffrey Spiral Conveyors

Sectional Flights

Sectional Flight Spiral is made of a series of single spiral turns riveted together and securely mounted on a hollow shaft. End flights are extra heavy.



Standard Sectional Flight Conveyor

Diam. of Spiral Inches	Gauge of Flights		Diam. Pipe Inside Inches	Coupling Shaft Inches	List* Price Per Foot Black	Deduction per Foot of Conveyor if Fittings Not Furnished				Approx. Pitch Inches	Outside Diam. Pipe Inches	Length Standard Section Center to Center of Hanger Feet	Weight Per Foot	
	Center	Ends				Lining	Hanger	Coupling	Total				With Fittings	Without Fittings
4	18	10	1	1	\$2.75	\$0.14	\$0.10	\$0.06	\$0.30	4	1 1/4	8	3.7	2.3
6	16	10	1 1/2	1 1/2	3.00	.16	.14	.08	.38	6	1 3/4	10	6.3	4.1
9	14	10	1 1/2	1 1/2	4.00	.20	.20	.08	.48	9	1 3/4	10	8.9	5.5
9	14	10	2	2	4.50	.20	.32	.12	.64	9	2 3/4	10	10.0	6.5
10	14	10	1 1/2	1 1/2	4.50	.24	.24	.08	.56	10	1 3/4	10	9.8	6.1
10	14	10	2	2	5.00	.24	.34	.12	.70	10	2 3/4	10	11.0	7.0
12	12	10	2	2	5.00	.30	.30	.10	.70	12	2 3/4	12	12.2	7.7
12	12	10	2 1/2	2 1/2	6.00	.30	.36	.16	.82	12	2 3/4	12	14.8	9.8
12	12	10	3	3	7.00	.30	.46	.24	1.00	12	3 1/2	12	17.1	11.6
14	12	10	2 1/2	2 1/2	7.50	.40	.48	.16	1.04	14	2 3/4	12	17.3	11.8
14	10	10	3	3	8.50	.40	.58	.24	1.22	14	3 1/2	12	20.7	13.6
16	10	10	3	3	9.00	.46	.62	.24	1.32	16	3 1/2	12	23.4	14.3
18	10	10	3	3	11.00	.60	.70	.24	1.54	18	3 1/2	12	27.9	16.3

*Price for GALVANIZED Conveyor will be quoted on application.

List Price includes Standard Gauge Curved Lining, one No. 13, 17 or 18 Hanger and one Coupling with each Standard (full length) section. When Lengths shorter than Standard are ordered, no fittings will be furnished, unless so specified, for which an extra charge will be made. In ordering state whether Right or Left Hand is wanted.

Heavy Sectional Flight Conveyor

Diam. of Spiral Inches	Thick-ness of Flights	Diam. Pipe Inside Inches	Diam. Coupling Shaft Inches	List* Price per Foot Black	Add for Extra Heavy Pipe	Deduction per Foot of Conveyor if Fittings not Furnished			Approx. Pitch Inches	Outside Diam. Pipe Inches	Length Standard Section Center to Center of Hanger Feet	Weight per Foot	
						Hanger	Coupling	Total				With Fittings	Without Fittings
4	10	1	1	\$3.00	\$.35	\$.10	\$.06	\$.16	4	1 1/4	8	3.9	3.3
4	10	1	1	3.25	.35	.10	.06	.16	4	1 1/4	8	4.4	3.8
4	10	1 1/2	1 1/2	3.75	.35	.10	.06	.16	4	1 3/4	8	4.9	4.3
6	10	1 1/2	1 1/2	3.25	.50	.14	.08	.22	6	1 3/4	10	6.1	5.1
6	10	1 1/2	1 1/2	4.00	.50	.14	.08	.22	6	1 3/4	10	7.3	6.3
6	10	1 1/2	1 1/2	5.00	.50	.14	.08	.22	6	1 3/4	10	8.1	7.1
6	10	1 1/2	1 1/2	8.00	.50	.14	.08	.22	6	1 3/4	10	9.7	8.7
9	10	1 1/2	1 1/2	4.25	.50	.20	.08	.28	9	1 3/4	10	7.9	6.5
9	10	1 1/2	1 1/2	5.00	.50	.20	.08	.28	9	1 3/4	10	9.6	8.2
9	10	1 1/2	1 1/2	5.75	.50	.20	.08	.28	9	1 3/4	10	11.4	10.0
9	10	2	2	5.00	.60	.32	.12	.44	9	2 3/4	10	8.8	7.2
9	10	2	2	5.75	.60	.32	.12	.44	9	2 3/4	10	10.5	8.9
9	10	2	2	6.50	.60	.32	.12	.44	9	2 3/4	10	13.2	11.6
9	10	2	2	8.50	.60	.32	.12	.44	9	2 3/4	10	14.9	13.3
12	10	2	2	7.00	.60	.30	.10	.40	12	2 3/4	12	14.0	11.9
12	10	2	2	7.50	.60	.30	.10	.40	12	2 3/4	12	16.5	14.4
12	10	3	3	8.25	1.20	.46	.24	.70	12	3 1/2	12	18.7	14.9
12	10	3	3	11.00	1.20	.46	.24	.70	12	3 1/2	12	20.8	17.0
12	10	3 1/2	3 1/2	16.00	1.60	.46	.24	.70	12	4	12	24.6	20.8
14	10	2 1/2	2 1/2	8.00	.90	.48	.16	.64	14	2 3/4	12	30.0	26.2
14	10	2 1/2	2 1/2	9.00	.90	.48	.16	.64	14	2 3/4	12	18.1	15.7
14	10	3	3	9.00	1.20	.58	.24	.82	14	3 1/2	12	20.8	17.8
14	10	3	3	10.00	1.20	.58	.24	.82	14	3 1/2	12	20.1	16.8
14	10	3	3	13.00	1.20	.58	.24	.82	14	3 1/2	12	23.0	18.9
14	10	4	4	18.00	2.35	.58	.24	.82	14	4 1/2	12	30.5	26.5
16	10	3	3	9.50	1.20	.62	.24	.86	16	3 1/2	12	36.3	32.2
16	10	3	3	10.50	1.20	.62	.24	.86	16	3 1/2	12	21.4	17.0
16	10	3	3	14.00	1.20	.62	.24	.86	16	3 1/2	12	25.2	20.8
16	10	4	4	20.00	2.35	.62	.24	.86	16	4 1/2	12	32.8	28.4
18	10	3	3	12.00	1.20	.70	.24	.94	18	3 1/2	12	40.4	36.0
18	10	3	3	14.00	1.20	.70	.24	.94	18	3 1/2	12	25.1	19.9
18	10	3 1/2	3 1/2	19.00	1.20	.70	.24	.94	18	3 1/2	12	29.3	24.1
18	10	4	4	25.00	2.35	.70	.24	.94	18	4 1/2	12	40.8	35.6
20	10	3 1/2	3 1/2	17.00	1.60	1.00	.24	1.24	18	4	12	44.2	40.0
20	10	3 1/2	3 1/2	19.00	1.60	1.00	.24	1.24	18	4	12	30.3	24.3
20	10	4	4	25.00	2.35	1.20	.32	1.52	18	4 1/2	12	35.5	29.5
20	10	4	4	30.00	2.35	1.20	.32	1.52	18	4 1/2	12	45.9	39.9
24	10	4	4	23.00	2.35	1.40	.32	1.72	18	4 1/2	12	51.1	45.1
24	10	4	4	25.00	2.35	1.40	.32	1.72	18	4 1/2	12	45.0	37.0
24	10	4	4	35.00	2.35	1.40	.32	1.72	18	4 1/2	12	51.0	43.0
24	10	4	4	45.00	2.35	1.40	.32	1.72	18	4 1/2	12	55.0	48.0
24	10	4	4						18	4 1/2	12	68.0	60.0

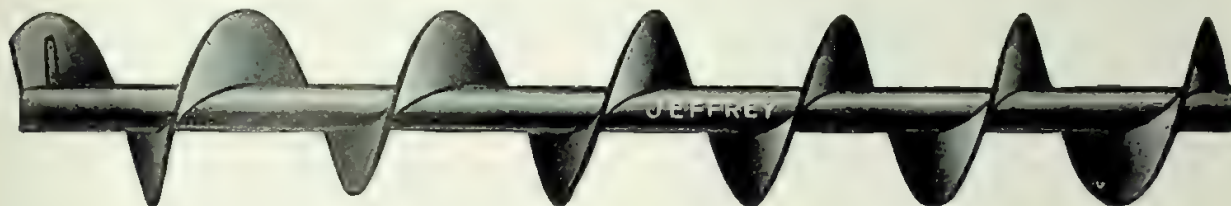
*List Price includes one No. 13, 17 or 18 Hanger and Coupling with each standard (full length) section.

When lengths shorter than standard are ordered, no fittings will be furnished unless so specified, for which an extra charge will be made. (No lining furnished with heavy conveyor).

Jeffrey Spiral Conveyors

Steel Helicoid Continuous Flight Conveyor

HELICOID Conveyor in the standard gauges is interchangeable with the corresponding size of Sectional Conveyor, that is, as the couplings are the same size for a given diameter of Conveyor the standard fixtures can be used with either type.



Sizes shown in **Bold Face Type** are Carried in Stock in Standard Lengths, flights and pipe.
 Sizes shown in Regular Type are odd sizes, made on order only.

Standard Helicoid Conveyor

Diam. of Spiral Inches	Diam. Pipe Inside In.	Diam. Coupling Shaft In.	List* Price Per Foot Black	Deduction Per Foot of Conveyor if Fittings Not Furnished				Thickness of Flight, Inches		Approx. Pitch Inches	Out-side Diam. Pipe Inches	Standard Length Section Center to Center of Hanger Feet	Weight Per Foot	
				Lining	Hanger	Coupling	Total	Next to Pipe	Outer edge				With Fittings	Without Fittings
4	1 1/4	1	\$2.75	\$0.14	\$0.10	\$0.06	\$0.30	.125	.063	4 1/2	1 3/8	8	4.5	3.1
6	1 3/4	1 1/2	3.00	.16	.14	.08	.38	.125	.078	6 1/2	2 1/8	10	7.0	4.8
9	2	1 1/2	4.00	.20	.20	.08	.48	.187	.09	9 1/2	2 3/8	10	9.9	6.5
9SP	2 1/2	2	4.50	.20	.32	.12	.64	.187	.09	9 1/2	2 7/8	10	11.3	7.6
10	2	1 1/2	4.50	.24	.24	.08	.56	.218	.125	9 1/2	2 3/8	10	11.3	7.6
12	2 1/2	2	5.00	.30	.30	.10	.70	.25	.125	12	2 7/8	12	15.5	11.0
12SP	3	2 7/16	6.00	.30	.36	.16	.82	.25	.125	12	3 1/2	12	18.1	12.5
14	3	2 7/16	7.50	.40	.48	.16	1.04	.25	.125	14 1/2	3 1/2	12	21.2	13.6
16	3 1/2	3	9.00	.46	.62	.24	1.32	.31	.17	16 1/2	4	12	26.5	17.4

*Prices for Galvanized Conveyor will be quoted on application.

List Price includes standard gauge curved lining, one No. 13, 17 or 18 Hanger and one coupling with each standard (full length) Section.

When lengths shorter than standard are ordered no fittings will be furnished, unless so specified, for which an extra charge will be made.

In ordering state whether Right or Left Hand is wanted.

Heavy Helicoid Conveyor

Diam. of Spiral Inches	Diam. Pipe Inside In.	Diam. Coupling Shaft In.	List* Price Per Foot Black	Add for Extra Heavy Pipe	Deduction Per Foot of Conveyor if Fittings Not Furnished			Thickness of Flight, Inches		Approx. Pitch Inches	Out-side Diam. Pipe Inches	Standard Length Section Center to Center of Hanger Feet	Weight Per Foot	
					Hanger	Coupling	Total	Next to Pipe	Outer edge				With Fittings	Without Fittings
4X	1 1/4	1	\$3.00	\$0.40	\$0.10	\$0.06	\$0.16	3/4	.11	4 1/2	1 5/8	8	4.1	3.6
6X	1 3/4	1 1/2	3.25	.60	.14	.08	.22	1/4	.125	6 1/2	2 1/8	10	6.9	5.9
6XX	1 3/4	1 1/2	4.00	.60	.14	.08	.22	3/8	.20	6 1/2	2 1/8	10	7.8	6.8
9X	2	1 1/2	5.00	.60	.20	.08	.28	3/8	.172	9 1/2	2 3/8	10	10.9	9.5
9XX	2 1/2	2	5.75	.90	.32	.12	.44	3/8	.19	9 1/2	2 3/8	10	13.3	11.2
9XXX	2 1/2	2	6.50	.90	.32	.12	.44	1/2	.25	9 1/2	2 3/8	10	17.4	15.3
10XX	2 1/2	2	6.50	.90	.34	.12	.46	3/8	.19	9 1/2	2 3/8	10	14.8	12.7
12X	2 3/2	2	6.25	.90	.30	.10	.40	3/8	.17	12	2 7/8	12	16.2	14.1
12XX	3	2 7/16	7.50	1.20	.36	.16	.52	3/8	.18	12	3 1/2	12	18.8	15.6
12XXX	3 1/2	3	8.25	1.60	.46	.24	.70	1/2	.25	12	4	12	22.0	18.2
12XXXX	3 1/2	3	11.00	1.60	.46	.24	.70	3/4	.37	12	4	12	29.6	25.8
14XX	3 1/2	3	9.00	1.60	.58	.24	.82	1/2	.234	14 1/2	4	12	23.9	20.4
16XXX	4	3	10.50	2.35	.62	.24	.86	1/2	.25	16 1/2	4 1/2	12	30.1	26.4
16XXXX	4 X. S.	3	16.00	2.35	.62	.24	.86	3/4	.37	16 1/2	4 1/2	12	42.7	39.1

*List Price includes one No. 13, 17 or 18 Hanger and one coupling with each standard (full length) section.

(No lining furnished with heavy conveyor).

When lengths shorter than standard are ordered no fittings will be furnished, unless so specified, for which an extra charge will be made.

Jeffrey Spiral Conveyors



Sectional Conveyor Flights

In ordering flights be particular to state pitch of screw, inside or outside diameter of pipe, and whether right or left hand.

List Price of Flights

Size Inches	Standard Gauge		Approx. Pitch Inches	List Price Each Thickness of Flights—Inches								
	Center Flights	End		18 & 16 Gauge	14 Gauge	12 Gauge	10 Gauge	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
4	18	16	4	\$0.25	\$0.35	\$0.40	\$0.55	\$0.60	\$ 0.80			
6	16	14	6	.45	.50	.60	.75	.85	1.05	\$ 1.30	\$ 1.75	
9	14	12	9		.95	1.20	1.50	1.70	2.15	3.00	3.60	\$ 5.50
10	12	10	10		1.25	1.50	1.85	2.00	2.60	3.60	4.25	6.50
12	12	10	12			1.80	2.35	2.70	3.30	4.50	5.50	8.50
14	10	10	14			2.50	3.25	3.85	4.70	6.00	7.00	11.00
16	10	10	16				4.00	4.80	6.00		9.00	13.50
18	10	10	18				5.60	6.75	8.00		12.00	17.00
20	$\frac{7}{8}$	$\frac{1}{8}$	20					11.00	13.00		17.00	22.00
24								17.00	20.00		27.00	35.00

Approximate Weight of Flights

Thickness of Flights—Weight Pounds Each									
Size Inches	16 Gauge	14 Gauge	12 Gauge	10 Gauge	$\frac{3}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "
4	.3	.38	.49	.65	.9	1.1			
6	.59	.75	.97	1.29	1.7	2.2	2.7	3.2	
9		1.90	2.45	3.27	4.3	5.5	6.7	7.9	10.3
10		2.22	2.86	3.81	5.0	6.7	8.4	10.1	13.5
12			4.23	5.64	7.2	9.7	11.2	12.7	19.4
14				7.64	9.9	13.2	16.5	19.8	26.4
16				10.23	12.0	16.5	21.0	25.5	34.5
18				13.46	17.3	23.0	28.8	34.5	46.0
20					20.0	27.0	33.0	39.0	52.0

Helicoid Conveyor Flights



List Price and Dimensions

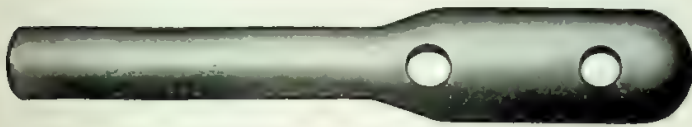
Diameter of Spiral Inches	Diameter Coupling Shaft Inches	Diameter Pipe Inside Inches	Thickness of Flight—Inches		Approx. Pitch Inches	List Price per Foot	Approx. Weight Pounds Per Foot
			Next to Pipe	Outer Edge			
4 Std.	1	1 $\frac{1}{4}$	.125	.05	4 $\frac{1}{2}$	\$0.50	.9
4 X	1	1 $\frac{1}{4}$	.1875	.11	4 $\frac{1}{2}$	.80	1.6
6 Std.	1 $\frac{1}{2}$	1 $\frac{3}{4}$	.125	.063	6 $\frac{1}{2}$	.80	1.4
6 X	1 $\frac{1}{2}$	1 $\frac{3}{4}$	.25	.125	6 $\frac{1}{2}$	1.00	2.8
6 XX	1 $\frac{1}{2}$	1 $\frac{3}{4}$	.375	.20	6 $\frac{1}{2}$	1.50	4.2
9 Std.	1 $\frac{1}{2}$	2	.1875	.10	9 $\frac{1}{2}$	1.00	3.1
9 X	1 $\frac{1}{2}$	2	.375	.172	9 $\frac{1}{2}$	2.00	6.5
9 XX	2	2 $\frac{1}{2}$	.375	.19	9 $\frac{1}{2}$	2.00	6.0
10 Std.	1 $\frac{1}{2}$	2	.1875	.093	9 $\frac{1}{2}$	1.25	4.8
10 XX	2	2 $\frac{1}{2}$	.375	.19	9 $\frac{1}{2}$	2.25	7.6
12 Std.	2	2 $\frac{1}{2}$	.25	.12	12	1.40	5.6
12 X	2	2 $\frac{1}{2}$	.375	.17	12	2.50	8.5
12 XX	2 $\frac{7}{8}$	3	.375	.18	12	2.50	8.0
12 XXX	3	3 $\frac{1}{2}$	.50	.25	12	3.50	10.0
14 Std.	2 $\frac{7}{8}$	3	.25	.12	14 $\frac{1}{2}$	1.75	7.0
14 XX	3	3 $\frac{1}{2}$	.44	.24	14 $\frac{1}{2}$	3.25	11.0
16 Std.	3	3 $\frac{1}{2}$	.31	.17	16 $\frac{1}{2}$	2.50	10.0
16 XXX	3	4	.50	.25	16 $\frac{1}{2}$	5.00	20.0

In ordering state whether Right or Left Hand is wanted.

Jeffrey Spiral Conveyors

Drop Forged Flight Supports or Lugs

The end flights of conveyors are securely riveted to end lugs which are screwed into the thick collars on ends of hollow shafts. Intermediate flights are riveted to center lugs, spaced at proper intervals, which extend through both walls of hollow shafts and are then riveted.



Center Lug



End Lug

Diameter and style of Conveyor and Pipe	Center Lugs		End Lugs		Diameter and style of Conveyor and Pipe	Center Lugs		End Lugs	
	Diam. Shank	Price Each	Diam. Shank	Price Each		Diam. Shank	Price Each	Diam. Shank	Price Each
4" on 1"	3/8"	\$0.10	1/2"	\$0.20	12" on 2 1/2"	5/8"	\$0.35	3/4"	\$0.50
4" on 1 1/4"	3/8"	.10	1/2"	.20	12" on 3"	5/8"	.35	3/4"	.50
6" on 1 1/2"	1/2"	.20	1/2"	.20	12" on 3 1/2"	5/8"	.35	3/4"	.50
6" on 1 3/4"	1/2"	.20	1/2"	.20	14" on 2 1/2"	5/8"	.35	3/4"	.50
9" on 1 1/2"	1/2"	.25	3/4"	.45	14" on 3"	5/8"	.35	3/4"	.50
9" on 2"	1/2"	.25	3/4"	.45	14" on 3 1/2"	5/8"	.35	3/4"	.50
9" on 2 1/2"	1/2"	.25	3/4"	.45	16" on 3"	5/8"	.40	3/4"	.60
10" on 1 1/2"	1/2"	.25	3/4"	.45	16" on 3 1/2"	5/8"	.40	3/4"	.60
10" on 2"	1/2"	.25	3/4"	.45	16" on 4"	5/8"	.40	3/4"	.60
10" on 2 1/2"	1/2"	.25	3/4"	.45	18" on 3"	5/8"	.40	3/4"	.60
12" on 2"	1/2"	.25	7/8"	.50	18" on 4"	5/8"	.40	3/4"	.60

Collars for Conveyor Pipes



External Collar



Internal Collar

External for Sectional Flight Conveyor				Internal for Helicoid Conveyor			
To fit Hollow Shaft of		Size Coupling	List Price Each	To fit Hollow Shaft of		Size Coupling	List Price Each
Nominal Inside Dia. Inches	Actual Outside Dia. Inches			Nominal Inside Dia. Inches	Actual Inside Dia. Inches		
1	1.315	1	\$0.50	1 1/4	1.380	1	\$0.50
1 1/2	1.900	1 1/2	1.00	1 3/4	1.813	1 1/2	.80
2	2.375	2	1.20	2	2.067	1 3/4	1.20
2 1/2	2.875	2 1/2	1.60	2 1/2	2.468	2	1.60
3	3.500	3	2.00	3	3.067	2 1/4	2.00
.....	.....	.....	.....	3 1/2	3.548	3	2.40
.....	.....	.....	.....	4	4.026	3	6.00

These collars are not drilled, and while of approximately correct dimensions, they require more or less blacksmith work to properly attach them to the Conveyor Shafts

Coupling and Drive Shafts

COUPLING SHAFTS			DRIVE END SHAFTS					Standard Tall End Shaft Drilled for Bolts List Price	
Dia. Shaft Inches	Length Overall Inches	Coupling List Price Each	List Price Each—Drilled for Bolts without Keyway						
			Projection From Pipe Inches	Diameter of Shaft					
				1"	1½"	2"	2½"	3"	
1	7½	\$1.00	6	\$1.00					Deduct
1¼	12	1.75	8	1.10	\$1.90				
1½	12	1.75	9	1.15	2.00				
2	12	3.00	12	1.25	2.30	\$3.75	\$5.75	\$8.55	25%
2	12	3.00	14	1.35	2.55	4.10	6.25	9.35	
2½	12½	4.00	16	1.45	2.75	4.45	6.80	10.15	
2¾	12¾	4.00	18	1.55	3.00	4.85	7.35	11.00	from
3	12½	6.00	24	1.85	3.60	5.90	8.95	13.40	
3	12½	6.00	30	2.20	4.25	7.10	10.65	15.90	
			36	2.50	4.80	8.15	12.20	18.25	Coupling
			48	3.10	6.15	10.25	15.35	23.00	
Projection for Std. Drive Shafts.....				6"	9"	10"	11"	12"	Price
Length over all Std. Drive Shafts....				9"	14"	15"	16"	17"	

For tail ends longer than standard add per extras shown for drive shafts.



Coupling space between Conveyor section is for Hanger.



Drive end projections from pipe as listed are for average conditions. Change in projection made upon order.

Jeffrey Spiral Conveyor Fittings



No. 13 Hanger



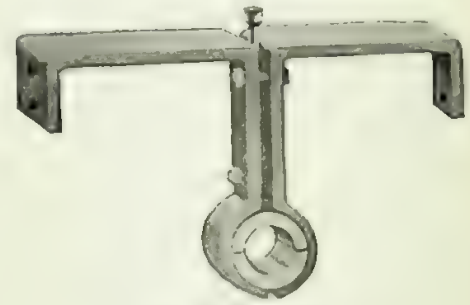
No. 17 Hanger



No. 18 Hanger



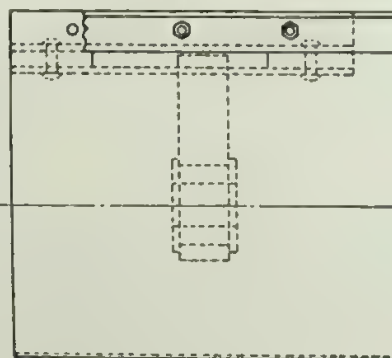
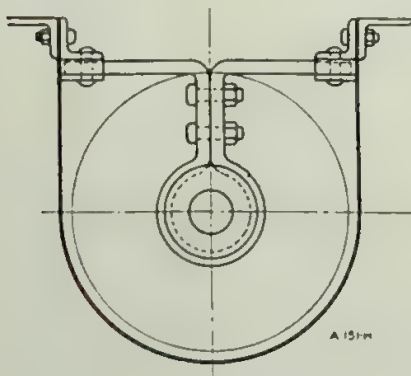
No. 20 Hanger
Chilled Cast Iron Bearing



No. 120 Hanger
Chilled Cast Iron Bearing

List Prices

Diam. Conveyor In.	Diam. Coupling In.	Hanger Complete List Price Each				Hanger Parts List Price Each		
		No. 13	Nos 17 and 18	No. 20	No. 120	Hanger Caps 13, 17, 18	Bearing Nos. 20, 120	U Bolts Nos. 17, 18
4	1	\$ 2.00	\$ 2.25	-----	-----	\$0.50	-----	\$0.30
6	1½	2.25	2.75	\$ 8.00	\$ 8.80	.75	\$1.50	.35
9	1½	3.00	3.50	8.50	9.50	.75	1.50	.50
9	2	3.50	4.00	9.00	10.00	1.00	2.00	.50
10	1½	3.75	4.25	9.00	10.00	.75	1.50	.55
12	2	4.50	5.00	10.00	10.00	1.00	2.00	.65
12	2½	6.00	6.50	10.50	12.00	1.50	3.00	.65
12	3	7.50	8.50	11.00	13.00	2.00	4.00	.65
14	2½	7.50	8.00	12.50	14.00	1.50	3.00	.70
16	3	10.50	11.50	15.00	17.00	2.00	4.00	1.10
18	3	11.50	12.50	17.00	19.00	2.00	4.00	1.15
20	3	14.00	15.00	-----	-----	2.00	-----	1.20



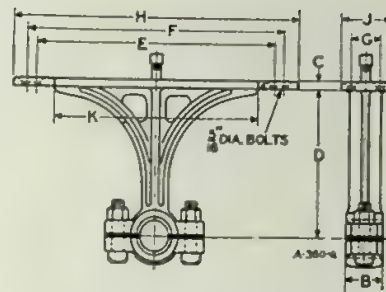
When handling material so hot as to make expansion a factor, the No. 20 hanger, made shorter than standard and set between angles as shown, overcomes this. Of course, in this case, end bearings can not be used at both ends.

Allow $\frac{5}{8}$ " expansion for each 50 degrees Fahrenheit above 100 degrees for each 100 feet of conveyor length. A maximum of 300 degrees Fahrenheit should not be exceeded.

Jeffrey Spiral Conveyor Fittings

No. 13 Hanger For Wood and Steel Trough

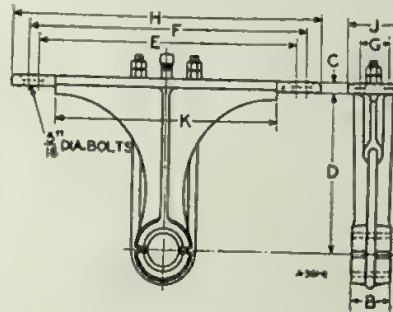
Diam. Convey- er In.	Diam. Coupling In.	Dimensions—Inches								
		B	C	D	E Wood Trough	F Steel Trough	G	H	J	K
4	1	1 $\frac{3}{8}$	$\frac{1}{2}$	3 $\frac{3}{8}$	5 $\frac{3}{4}$	6 $\frac{3}{4}$	-----	7 $\frac{1}{2}$	1 $\frac{1}{2}$	4 $\frac{1}{2}$
6	1 $\frac{1}{2}$	1 $\frac{3}{8}$	$\frac{1}{2}$	4 $\frac{1}{2}$	7 $\frac{3}{4}$	8 $\frac{3}{4}$	-----	9 $\frac{1}{2}$	1 $\frac{1}{2}$	6 $\frac{1}{2}$
9	1 $\frac{1}{2}$	1 $\frac{3}{8}$	$\frac{1}{2}$	6 $\frac{1}{4}$	11 $\frac{1}{4}$	12 $\frac{1}{4}$	1 $\frac{1}{2}$	13 $\frac{1}{2}$	2 $\frac{1}{2}$	9 $\frac{1}{2}$
9	2	1 $\frac{3}{8}$	$\frac{3}{8}$	6 $\frac{1}{4}$	11 $\frac{1}{4}$	12 $\frac{1}{4}$	1 $\frac{1}{2}$	13 $\frac{1}{2}$	2 $\frac{1}{2}$	9 $\frac{1}{2}$
10	1 $\frac{1}{2}$	1 $\frac{3}{8}$	$\frac{1}{2}$	7	12 $\frac{1}{4}$	13 $\frac{1}{4}$	1 $\frac{1}{2}$	14 $\frac{1}{2}$	2 $\frac{1}{2}$	10 $\frac{1}{2}$
12	2	1 $\frac{3}{8}$	$\frac{1}{2}$	9	14 $\frac{1}{4}$	15 $\frac{1}{2}$	1 $\frac{1}{2}$	17	2 $\frac{1}{2}$	12 $\frac{1}{2}$
12	2 $\frac{1}{8}$	2 $\frac{3}{8}$	$\frac{1}{2}$	9	14 $\frac{3}{4}$	15 $\frac{1}{2}$	1 $\frac{1}{2}$	17	2 $\frac{3}{4}$	12 $\frac{1}{2}$
12	3	2 $\frac{3}{8}$	$\frac{1}{2}$	9	14 $\frac{3}{4}$	15 $\frac{1}{2}$	1 $\frac{1}{2}$	17	3	12 $\frac{1}{2}$
14	2 $\frac{1}{8}$	2 $\frac{3}{8}$	$\frac{1}{2}$	9 $\frac{1}{4}$	16 $\frac{3}{4}$	17 $\frac{1}{2}$	2	19 $\frac{1}{4}$	3	14 $\frac{1}{4}$
16	3	2 $\frac{3}{8}$	$\frac{1}{2}$	11	18 $\frac{3}{4}$	19 $\frac{3}{4}$	2	21	3 $\frac{1}{4}$	16 $\frac{1}{4}$
18	3	2 $\frac{3}{8}$	$\frac{1}{2}$	12 $\frac{1}{2}$	20 $\frac{3}{4}$	22 $\frac{1}{4}$	2	24 $\frac{3}{4}$	3 $\frac{1}{2}$	18 $\frac{3}{4}$
20	3	2 $\frac{3}{8}$	$\frac{1}{2}$	12 $\frac{1}{2}$	22 $\frac{3}{4}$	24 $\frac{1}{4}$	2	26 $\frac{1}{4}$	3 $\frac{1}{2}$	20 $\frac{3}{4}$



No. 13 Hanger

No. 17 Hanger For Wood and Steel Trough

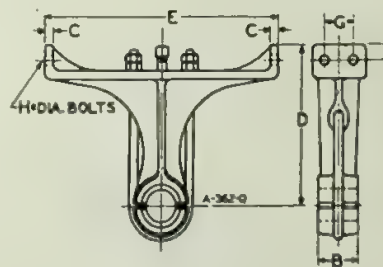
Diam. Convey- er in.	Diam. Coupling In.	Dimensions—Inches								
		B	C	D	E Wood Trough	F Steel Trough	G	H	J	K
4	1	1 3/8	1/2	3 3/8	5 3/4	6 3/4		7 1/2	1 1/2	4 1/2
6	1 1/2	1 7/8	1/2	4 1/2	7 3/4	8 3/4	1 1/2	9 1/2	2 1/2	6 1/2
9	1 1/2	1 7/8	1/2	6 1/4	11 1/4	12 1/4	1 1/2	13 1/2	3	9 1/2
9	2	1 7/8	1/2	6 1/4	11 1/4	12 1/4	1 1/2	13 1/2	3	9 1/2
10	1 1/2	1 7/8	1/2	7	12 1/4	13 1/4	1 1/2	14 1/2	2 1/2	10 1/2
12	2	1 7/8	1/2	9	14 1/4	15 1/2	1 1/2	17	3 1/4	12 1/2
12	2 1/4	2 3/8	1 1/2	9	14 1/4	15 1/2	1 1/2	17	3 1/4	12 1/2
12	3	2 3/8	1 1/2	9	14 1/4	15 1/2	1 1/2	17	3 1/4	12 1/2
14	2 1/4	2 3/8	1 1/2	9 1/4	16 1/4	17 1/2	1 1/2	19 1/4	3 1/2	14 1/4
16	3	2 3/8	1 1/2	11	18 3/4	19 3/4	2	21	4 1/4	16 1/4
18	3	2 3/8	1 1/2	11 1/2	20 3/4	22 1/4	2	24 3/4	3 1/2	18 1/4
20	3	2 3/8	1 1/2	12 1/2	22 3/4	24 1/4	2	26 1/4	3 1/2	20 1/4



No. 17 Hanger

No. 18 Hanger For Wood Trough

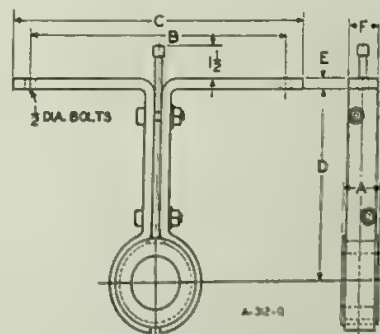
Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches						
		B	C	D	E	F	G	H
4	1	1 3/8	3/8	3 3/8	5	11	1 3/4	1 1/2
6	1 1/2	1 3/8	3/8	4 1/2	7	11	1 3/4	1 1/2
9	1 1/2	1 3/8	3/8	6 1/4	10	11	1 3/4	1 1/2
9	2	1 3/8	3/8	6 3/4	10	11	1 3/4	1 1/2
10	1 1/2	1 3/8	3/8	7	11	11	1 3/4	1 1/2
12	2	1 3/8	3/8	9	13	13	1 3/4	1 1/2
12	2 1/4	2 3/8	1 1/2	9	13	13	2	2
12	3	2 3/8	1 1/2	9	13	13	2	2
14	2 3/8	2 3/8	1 1/2	9 1/4	15	15	2	2
16	3	2 3/8	1 1/2	11	17	17	2	2
18	3	2 3/8	1 1/2	12 1/2	19	19	2	2
20	3	2 3/8	1 1/2	12 1/2	21	21	2	2



No. 18 Hanger

No. 20 Hanger For Wood and Steel Trough

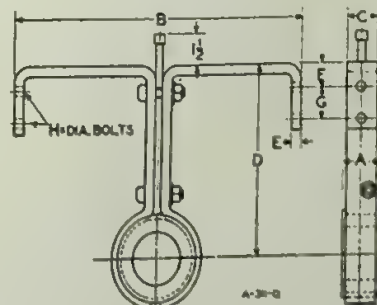
Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches							
		A	B		C		D	E	F
			Wood Trough	Steel Trough	Wood Trough	Steel Trough			
6	1 1/2	1 3/8	7 3/4	8 3/8	8 3/4	9 1/2	4 1/2	3 1/2	1 1/2
9	1 1/2	1 3/8	11 1/4	12 1/4	12 1/4	13 1/2	6 1/2	5 1/2	1 1/2
9	2	1 3/8	11 1/4	12 1/4	12 1/4	13 1/2	6 1/2	5 1/2	1 1/2
10	1 1/2	1 3/8	12 1/4	13 1/4	13 1/4	15	7	5 1/2	1 1/2
12	2	1 3/8	14 1/4	15 1/4	16 1/2	17 1/2	9	5 1/2	1 1/2
12	2 1/4	2 3/8	14 1/4	15 1/4	16 1/2	17 1/2	9	5 1/2	1 1/2
12	3	2 3/8	14 1/4	15 1/4	16 1/2	17 1/2	9	5 1/2	1 1/2
14	2 1/4	2 3/8	16 1/4	17 1/4	18 1/2	19 1/2	9 1/4	5 1/2	1 1/2
16	3	2 3/8	18 3/4	19 3/4	20 3/4	21 1/2	11	5 1/2	2
18	3	2 3/8	20 3/4	22 3/4	22 3/4	24 1/4	12 1/2	5 1/2	2



No. 20 Hanger

No. 120 Hanger For Wood and Steel Trough

Diam. Conveyor In.	Diam. Coupling In.	Dimensions—Inches							
		A	B	C	D	E	F	G	H
6	1 1/2	1 3/8	6 3/4	1 1/2	4 1/2	3 1/2	3 1/2	1 1/2	3 1/2
9	1 1/2	1 3/8	9 3/4	1 1/2	6 1/4	5 1/2	5 1/2	1 1/2	3 1/2
9	2	1 3/8	9 3/4	1 1/2	6 1/4	5 1/2	5 1/2	1 1/2	3 1/2
10	1 1/2	1 3/8	10 3/4	1 1/2	7	5 1/2	5 1/2	1 1/2	3 1/2
12	2	1 3/8	12 3/4	1 1/2	9	5 1/2	5 1/2	1 1/2	3 1/2
12	2 1/4	2 3/8	12 3/4	1 1/2	9	5 1/2	5 1/2	1 1/2	3 1/2
12	3	2 3/8	12 3/4	1 1/2	9	5 1/2	5 1/2	1 1/2	3 1/2
14	2 1/4	2 3/8	15	1 1/2	9 1/4	5 1/2	5 1/2	2	3 1/2
16	3	2 3/8	17	2	11	5 1/2	5 1/2	2 1/2	3 1/2
18	3	2 3/8	19	2	12 1/4	5 1/2	5 1/2	2 1/2	3 1/2



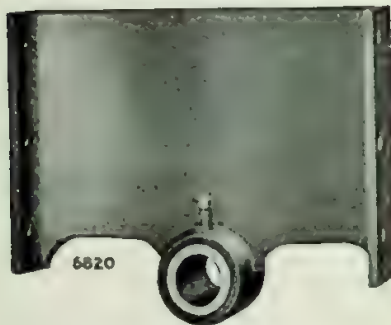
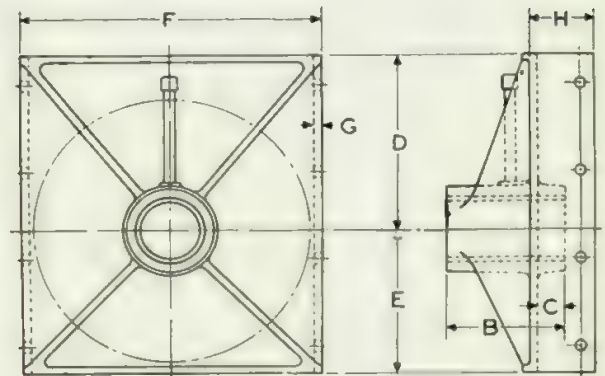
No. 120 Hanger

Jeffrey Spiral Conveyor Fittings

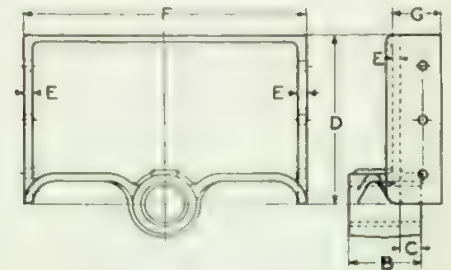
End Bearings for Wood Trough



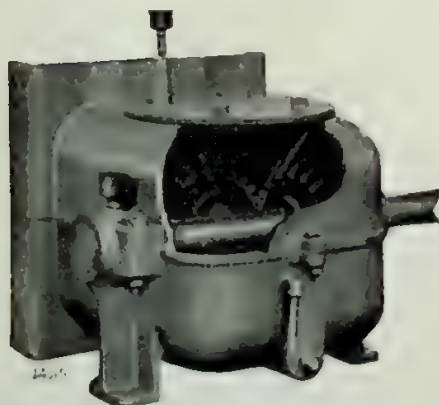
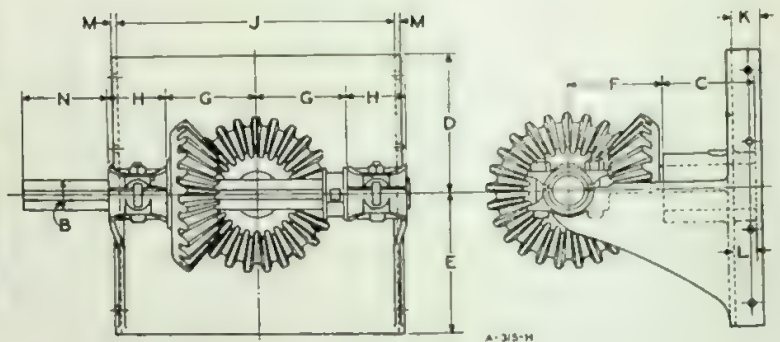
Plain End Bearing
Inside Type



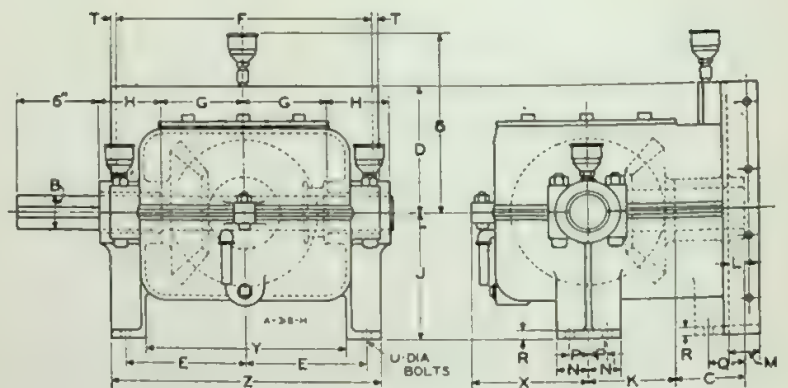
Discharge End Bearing
Inside Type



Countershaft End Bearing
Outside Type



Enclosed Countershaft End Bearing
Outside Type



Jeffrey Spiral Conveyor Fittings

End Bearings for Wood Trough

List Prices and Dimensions of Plain End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches						
				B	C	D	E	F	G	H
4	1	\$ 2.00	5	2	$1\frac{1}{8}$	$3\frac{3}{8}$	$2\frac{1}{2}$	5	$\frac{1}{4}$	$1\frac{5}{8}$
6	$1\frac{1}{2}$	3.00	8	3	$1\frac{1}{8}$	$4\frac{1}{2}$	$3\frac{1}{2}$	7	$\frac{1}{4}$	$1\frac{5}{8}$
9	$1\frac{1}{2}$	4.50	14	3	$1\frac{1}{8}$	$6\frac{1}{4}$	5	10	$\frac{1}{8}$	2
9	2	5.00	22	4	$1\frac{1}{8}$	$6\frac{1}{4}$	5	10	$\frac{1}{8}$	2
10	$1\frac{1}{2}$	5.50	23	3	$1\frac{1}{8}$	7	$5\frac{1}{2}$	11	$\frac{1}{8}$	$2\frac{1}{8}$
12	2	8.00	29	4	$1\frac{1}{8}$	9	$6\frac{1}{2}$	13	$\frac{1}{8}$	$2\frac{1}{8}$
12	$2\frac{1}{8}$	9.00	40	5	$1\frac{3}{8}$	9	$6\frac{1}{2}$	13	$\frac{1}{8}$	$2\frac{1}{8}$
12	3	10.00	44	6	$1\frac{1}{8}$	9	$6\frac{1}{2}$	13	$\frac{1}{8}$	$2\frac{1}{8}$
14	$2\frac{1}{8}$	11.50	50	5	$1\frac{3}{8}$	$9\frac{1}{4}$	$7\frac{1}{2}$	15	$\frac{1}{8}$	2
16	3	14.00	75	6	$1\frac{1}{8}$	11	$8\frac{1}{2}$	17	$\frac{3}{8}$	2
18	3	17.00	85	6	$1\frac{1}{8}$	$12\frac{1}{2}$	$9\frac{1}{2}$	19	$\frac{3}{8}$	2
20	3	21.00	100	6	$1\frac{1}{8}$	$12\frac{1}{2}$	$10\frac{1}{2}$	21	$\frac{3}{8}$	2

List Prices and Dimensions of Discharge End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches					
				B	C	D	E	F	G
4	1	\$ 1.75	4	2	$1\frac{1}{8}$	$3\frac{3}{8}$	$\frac{1}{4}$	5	$1\frac{5}{8}$
6	$1\frac{1}{2}$	2.75	7	3	$1\frac{1}{8}$	$4\frac{1}{2}$	$\frac{1}{4}$	7	$1\frac{5}{8}$
9	$1\frac{1}{2}$	4.00	12	3	$1\frac{1}{8}$	$6\frac{1}{4}$	$\frac{1}{8}$	10	2
9	2	4.50	15	4	$1\frac{1}{8}$	$6\frac{1}{4}$	$\frac{1}{8}$	10	2
10	$1\frac{1}{2}$	5.00	15	3	$1\frac{1}{8}$	7	$\frac{1}{8}$	11	$2\frac{1}{8}$
12	2	7.00	23	4	$1\frac{1}{8}$	9	$\frac{1}{8}$	13	$2\frac{1}{8}$
12	$2\frac{1}{8}$	8.00	35	5	$1\frac{3}{8}$	9	$\frac{1}{8}$	13	$2\frac{1}{8}$
12	3	9.00	40	6	$1\frac{1}{8}$	9	$\frac{1}{8}$	13	$2\frac{1}{8}$
14	$2\frac{1}{8}$	10.00	45	5	$1\frac{3}{8}$	$9\frac{1}{4}$	$\frac{1}{8}$	15	2
16	3	12.50	60	6	$1\frac{1}{8}$	11	$\frac{3}{8}$	17	2
18	3	15.00	70	6	$1\frac{1}{8}$	$12\frac{1}{2}$	$\frac{3}{8}$	19	2
20	3	18.00	90	6	$1\frac{1}{8}$	$12\frac{1}{2}$	$\frac{3}{8}$	21	2

List Prices and Dimensions of Countershaft End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each Complete	Approx. Weight Lbs.	Dimensions—Inches											
				B	C	D	E	F	G	H	J	K	L	M	N
4	1	\$ 21.00	28	1	2	$3\frac{3}{8}$	$3\frac{3}{8}$	$3\frac{1}{2}$	$3\frac{1}{2}$	2	$6\frac{3}{4}$	$1\frac{5}{8}$	$1\frac{1}{8}$	$\frac{1}{4}$	4
6	$1\frac{1}{2}$	27.00	67	$1\frac{1}{2}$	3	$4\frac{1}{2}$	$4\frac{3}{8}$	$4\frac{5}{8}$	$4\frac{1}{2}$	3	$8\frac{3}{4}$	2	$1\frac{1}{8}$	$\frac{1}{4}$	6
9	$1\frac{1}{2}$	33.00	78	$1\frac{1}{2}$	3	$6\frac{1}{4}$	$6\frac{1}{4}$	$3\frac{1}{2}$	$4\frac{1}{2}$	3	$12\frac{1}{2}$	2	$1\frac{1}{8}$	$\frac{1}{4}$	6
9	2	39.00	138	2	4	$6\frac{1}{4}$	$6\frac{1}{4}$	$5\frac{1}{2}$	6	4	$12\frac{1}{2}$	2	$1\frac{1}{8}$	$\frac{1}{4}$	6
10	$1\frac{1}{2}$	43.00	95	$1\frac{1}{2}$	3	7	$6\frac{3}{4}$	$3\frac{1}{2}$	$4\frac{1}{2}$	3	$13\frac{1}{2}$	2	$1\frac{1}{8}$	$\frac{1}{4}$	6
12	2	54.00	159	2	4	9	$8\frac{1}{4}$	$5\frac{1}{2}$	6	4	$16\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6
12	$2\frac{1}{8}$	63.00	225	$2\frac{1}{8}$	5	9	$8\frac{1}{4}$	6	6	$4\frac{1}{2}$	$16\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6
12	3	72.00	270	3	6	9	$8\frac{1}{4}$	$5\frac{1}{2}$	$6\frac{1}{2}$	$4\frac{1}{2}$	$16\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6
14	$2\frac{1}{8}$	75.00	245	$2\frac{1}{8}$	5	$9\frac{1}{4}$	$9\frac{1}{4}$	6	6	$4\frac{1}{2}$	$18\frac{1}{2}$	$2\frac{3}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6
16	3	126.00	360	3	6	11	$10\frac{1}{4}$	$9\frac{1}{2}$	$9\frac{1}{2}$	$4\frac{1}{2}$	$20\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{1}{8}$	$\frac{3}{8}$	6

List Prices and Dimensions of Enclosed Countershaft End Bearings

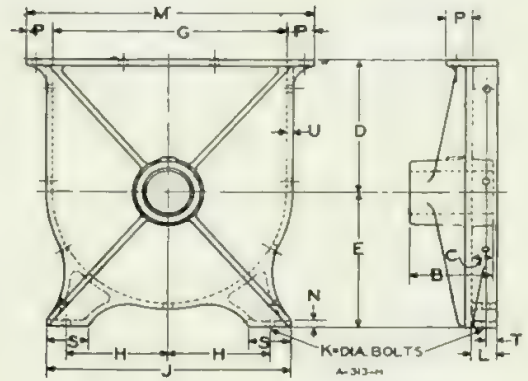
Diam. Con- veyor In.	Diam. Cou- pling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches																				
				B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U	X	Y	Z
6	1½	\$46.00	120	1½	3	4½	5½	8¾	3½	3	4½	4½	1½	1½	1½	0	0	½	7	½	½	4½	8¾	13½
9	1½	56.00	160	1½	3	6¼	6¼	12½	4⅝	3	6¼	4½	1½	1½	1½	0	0	½	9¼	½	½	6½	10	14½
12	2	92.00	300	2	4	9	8⅜	16½	6	4	8¼	6	1½	1½	1½	0	0	½	12	½	½	8½	13½	18½
14	2⅛	121.00	500	2⅛	5	9¾	8¾	18½	5½	4½	9½	5½	1½	1½	1½	0	0	½	12½	½	½	8½	15½	19½
16	3	205.00	700	3	6	11	11¼	20½	9½	4½	10½	9½	1½	1½	1½	0	0	½	13	½	½	11½	19½	24½

Jeffrey Spiral Conveyor Fittings

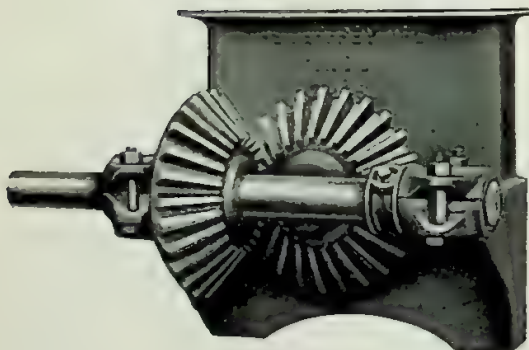
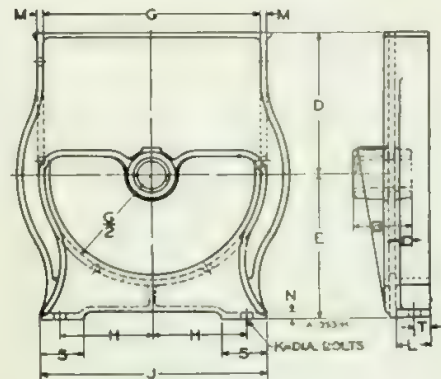
End Bearings for Steel Trough (Outside Type)



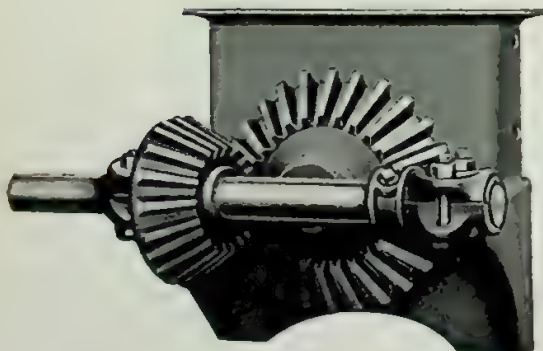
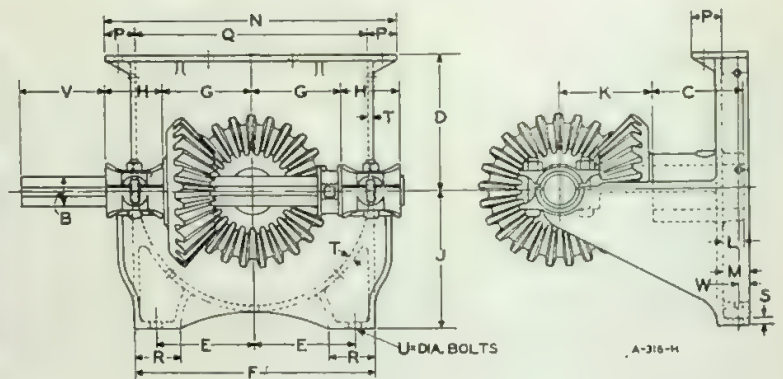
Plain End Bearing



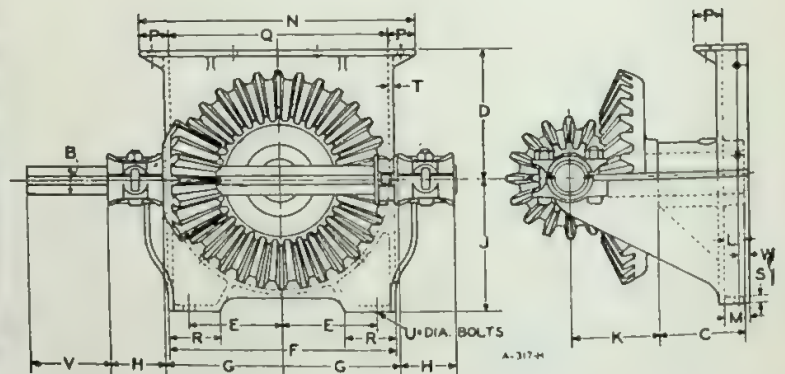
Discharge End Bearing



Countershaft End Bearing



2 to 1 Reduction End Bearing



Jeffrey Spiral Conveyor Fittings

End Bearings for Steel Trough

List Prices and Dimensions of Plain End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches															
				B	C	D	E	G	H	J	K	L	M	N	P	S	T	U	
4	1	\$3.00	7	2	1 1/16	3 3/8	3 3/8	5	2	5 3/8	3 3/8	1 1/2	7 1/2	1/4	1 1/4	1 1/2	5/8	1 1/4	
6	1 1/2	4.00	15	3	1 1/16	4 1/2	5	7	3	7 1/2	3 3/8	1 5/8	9 1/2	3/8	1 1/4	1 3/4	5/8	1 1/4	
9	1 1/2	7.00	20	3	1 1/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1 1/2	1 11/16	14	3/8	2	2 1/8	3/4	1 3/8	
9	2	7.50	25	4	1 1/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1 1/2	1 11/16	14	3/8	2	2 1/8	3/4	1 3/8	
10	1 1/2	8.00	26	3	1 1/16	7	7 1/16	11	4 3/4	11 1/2	1 1/2	1 11/16	15	3/8	2	2 1/4	3/4	1 3/8	
12	2	10.00	38	4	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	1 3/8	
12	2 7/16	12.00	43	5	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	1 3/8	
12	3	14.00	46	6	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	17 1/4	3/8	2	2 1/2	3/4	1 3/8	
14	2 7/16	16.00	48	5	1 1/16	9 1/4	9 3/8	15 1/2	6 3/4	16 1/8	5/8	1 3/16	19 1/2	7/16	2	2 3/4	3/4	1 3/8	
16	3	22.00	76	6	1 1/16	11	10 1/2	17 1/2	7 3/4	18 1/8	5/8	1 3/4	21 1/2	1/2	2	3	3/4	1 3/8	
18	3	25.00	94	6	1 1/16	12 1/2	11 1/2	19 1/2	8 3/4	20 1/8	5/8	1 7/8	24 1/2	1/2	2 1/2	3	3/4	1 3/8	
20	3	30.00	100	6	1 1/16	12 1/2	12 1/2	21 1/2	8 3/4	22 1/8	5/8	1 7/8	26 1/2	1/2	2 1/2	3	3/4	1 3/8	

List Prices and Dimensions of Discharge End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches											
				B	C	D	E	G	H	J	K	L	M	N	T
4	1	\$ 3.00	7	2	1 1/16	3 3/8	3 3/8	5	2	5 3/8	3 3/8	1 1/2	1/4	1 1/4	5/8
6	1 1/2	4.00	15	3	1 1/16	4 1/2	5	7	3	7 1/2	3 3/8	1 5/8	1 1/4	3/8	1 3/4
9	1 1/2	7.00	20	3	1 1/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1 1/2	1 11/16	1 1/8	3/8	2 1/8
9	2	7.50	25	4	1 1/16	6 1/4	6 1/2	10	4 3/8	10 1/2	1 1/2	1 11/16	1 1/8	3/8	2 1/8
10	1 1/2	8.00	26	3	1 1/16	7	7 1/16	11	4 3/8	11 1/2	1 1/2	1 11/16	1 1/8	3/8	2 1/4
12	2	10.00	38	4	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	1 1/8	3/8	2 1/2
12	2 7/16	12.00	43	5	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	1 1/8	3/8	2 1/2
12	3	14.00	46	6	1 1/16	9	9	13 1/4	5 3/4	13 3/4	1 1/2	1 11/16	1 1/8	3/8	2 1/2
14	2 7/16	16.00	48	5	1 1/16	9 1/4	9 3/8	15 1/2	6 3/4	16 1/8	5/8	1 13/16	1 1/8	7/16	2 3/4
16	3	22.00	76	6	1 1/16	11	10 1/2	17 1/2	7 3/4	18 1/8	5/8	1 3/4	1 1/8	1/2	3

List Prices and Dimensions of Countershaft End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches																	
				B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
4	1	\$21.00	28	1	2	3 3/4	2 1/2	5 3/8	3 3/8	2 3/8	3 3/8	1 1/2	1 1/2	1 1/2	7 1/2	1 1/4	5	1 1/2	1 1/4	1 1/4	4
6	1 1/2	27.00	67	1 1/2	3	4 1/2	2 1/2	7 1/2	4 1/2	3 3/8	5	4 3/8	1 1/2	1 1/2	9 1/2	1 1/4	7	1 3/8	1 1/4	1 1/4	6
9	1 1/2	33.00	78	1 1/2	3	6 1/4	4	10 3/8	4 3/4	3	6 3/8	3 1/2	1 1/2	1 1/2	14	2	10	2 1/8	1 1/4	1 1/4	6
9	2	39.00	138	2	4	6 1/4	4	10 3/8	4 3/4	3	6 3/8	3 1/2	1 1/2	1 1/2	14	2	10	2 1/8	1 1/4	1 1/4	6
10	1 1/2	43.00	85	1 1/2	3	7	4 3/4	11 3/4	4 3/4	3	7 1/8	3 1/2	1 1/2	1 1/2	15	2	11	2 3/8	1 1/4	1 1/4	6
12	2	54.00	159	2	4	9	5 3/4	13 3/4	6	4 1/2	9	5 1/2	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
12	2 7/16	63.00	225	2 1/2	5	9	5 3/4	13 3/4	6	4 1/2	9	5 1/2	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
12	3	72.00	270	3	6	9	5 3/4	13 3/4	6 1/2	4 3/4	9	6 1/8	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
14	2 7/16	75.00	235	2 1/2	5	9 1/4	6 3/4	16 3/8	6 1/2	4 3/4	9 3/8	6 1/8	1 1/2	1 1/2	19 1/2	2	15 1/2	3	1 1/4	1 1/4	6
16	3	126.00	360	3	6	11	7 1/4	18 3/8	9 1/2	4 3/4	10 1/2	9 1/2	1 1/2	1 1/2	21 1/2	2	17 1/2	3 1/4	1 1/2	1 1/4	6

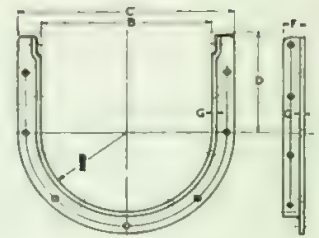
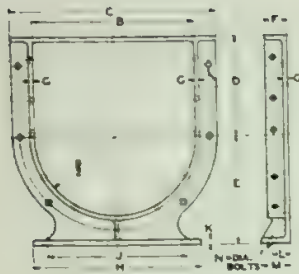
List Prices and Dimensions of 2 to 1 Reduction End Bearings

Diam. Conveyor In.	Diam. Coupling In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches																	
				B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
9	1 1/2	\$60.00	110	1 1/2	4	6 1/4	4	10 3/8	5 3/4	3	6 3/8	3 1/2	1 1/2	1 1/2	14	2	10	2 1/8	1 1/4	1 1/4	6
9	2	65.00	125	1 1/2	4	6 1/4	4	10 3/8	5 3/4	3	6 3/8	3 1/2	1 1/2	1 1/2	14	2	10	2 1/8	1 1/4	1 1/4	6
12	2	80.00	225	2	5 1/2	9	5 3/4	14	8 3/8	4	9	6	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
12	2 1/8	85.00	240	2	5 3/4	9	5 3/4	14	8 3/8	4	9	6	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
12	3	95.00	280	2	6	9	5 3/4	14	8 3/8	4	9	6	1 1/2	1 1/2	17 1/4	2	13 1/4	2 3/8	1 1/4	1 1/4	6
14	2 7/16	95.00	280	2	5 3/4	9 1/4	6 3/4	16 3/8	8 3/8	4	9 3/8	6	1 1/2	1 1/2	19 1/2	2	15 1/2	3 3/8	1 1/4	1 1/4	6
16	3	150.00	325	2	6	11	7 1/4	18 3/8	8 3/8	4	10 3/8	6	1 1/2	1 1/2	21 1/2	2	17 1/2	3 3/8	1 1/4	1 1/4	6
18	3	200.00	350	2	6	12 1/2	8 1/4	20 1/4	8 3/8	4	11 1/2	6	1 1/2	1 1/2	24 1/2	2	19 1/2	3 3/8	1 1/4	1 1/4	6

*Price includes Standard Drive End Shaft for Conveyor, Bevel Gears and Short Countershafts.

Jeffrey Spiral Conveyor Fittings

Flanged Saddles for Steel Trough

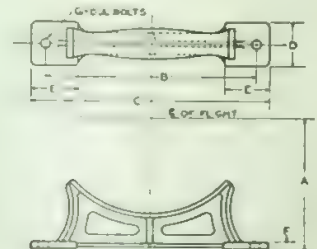


List Prices and Dimensions

Diam. Conveyor In.	With Feet		Without Feet		Dimensions—Inches											
	List Price Each †	Approx. Weight Each Lbs.	List Price Each †	Approx. Weight Each Lbs.	B	C	D	E	F	G	H	J	K	L	M	N
4	\$1.60	5½	\$1.00	3½	5	8	3⅜	3⅜	1½	¼	8	4	¼	⅞	1½	⅜
6	2.00	7	1.40	5	7	10	4½	5	1½	¼	10	6	⅜	⅞	1½	⅜
9	3.00	13	1.80	7	10	13	6¼	6½	1½	¼	14	8¾	⅜	⅞	1½	⅜
10	3.60	18	2.20	10	11	15	7	7½	2	¼	14	12	⅜	1¼	2	⅜
12	4.80	23	2.50	12	13¼	17¼	9	9	2	¾	13¾	11½	½	1½	2½	½
14	5.60	28	3.00	14	15½	19½	9¼	9¾	2	¾	16	13½	½	1¾	2¾	½
16	8.00	43	4.50	20	17½	21½	11	10½	2	½	17	14¾	⅝	1¾	3	⅝
18	8.80	45	5.00	25	19½	23½	12½	11½	2	½	20	17½	⅝	1¾	3	⅝

†Order in pairs for one complete joint.

Short Saddles for Steel Trough

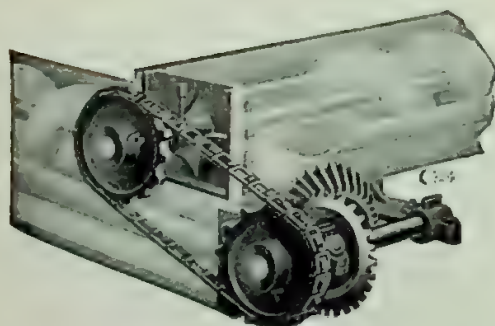


List Prices and Dimensions

Diam. Conveyor In.	List Price Each	Approx. Weight Lbs.	Dimensions—Inches						
			A	B	C	D	E	F	G
4	\$0.55	1	3¾	5¾	7	1½	1¾	⅝	⅜
6	.80	2½	5	7½	8¾	1¾	2	⅝	⅜
9	1.20	3½	6½	10½	12	2¼	2½	⅝	⅜
10	1.60	4½	7½	11½	13	2¼	2½	⅝	⅜
12	1.80	5	9	12¾	14¼	2¼	2½	⅝	⅜
14	2.20	8	9¾	15	16¾	2¾	3	⅝	⅜
16	2.40	9	10½	16¾	18½	2¾	3	⅝	⅜
18	2.80	10	11½	18	19¾	3	3	⅝	⅜

Right Angle Drives

List Prices and Weights

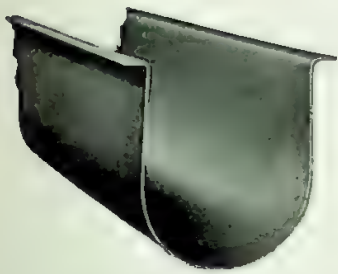


Right Angle Drive

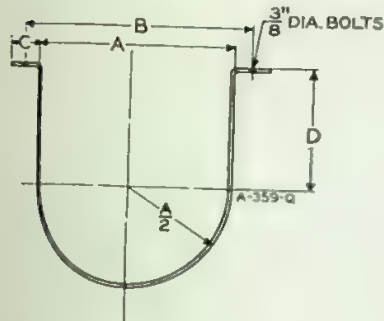
Diam. Conveyor In.	Diam. Coupling In.	Right Angle Drive*			
		Wood Trough		Steel Trough	
		List Price Each	Approx. Weight Lbs.	List Price Each	Approx. Weight Lbs.
4	1	\$35.00	55	\$38.00	60
6	1½	40.00	115	45.00	120
9	1½	54.00	155	60.00	160
9	2	60.00	230	68.00	235
10	1½	68.00	190	77.00	195
12	2	85.00	275	95.00	285
12	2½	95.00	360	105.00	365
12	3	107.00	420	120.00	425
14	2½	120.00	400	135.00	405
16	3	185.00	565	205.00	570

*Price includes end bearing with gears, shafts, sprockets and Jeffrey Detachable Chain. When furnished for long conveyors requiring other than "Detachable" Chain, an extra charge is made.

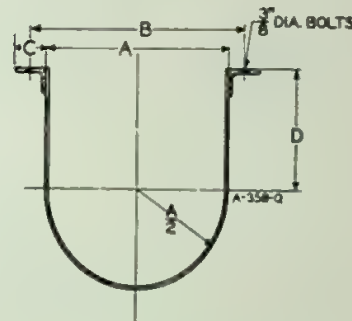
Jeffrey Spiral Conveyor Trough



Steel Trough with Flanged Top



Steel Trough with Angles



Trough furnished without cover, unless otherwise specified.

Both types have butt strap connections.

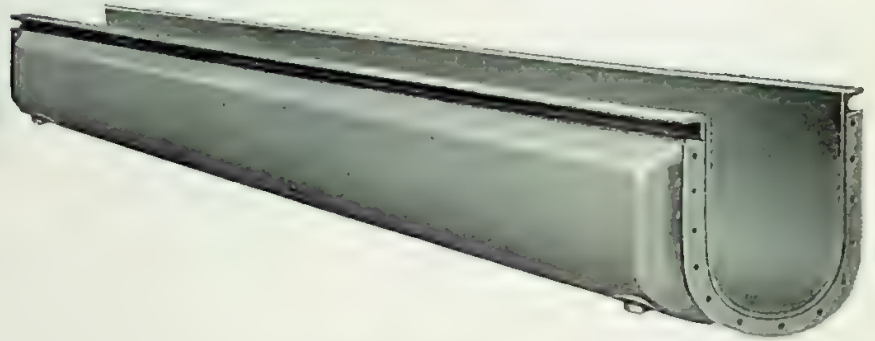
Flanged type trough is standard where listed and will be furnished unless otherwise specified.

List Prices and Dimensions

Diam. Conveyor In.	Gauge Steel	Trough, Without Cover								Standard Gauge Cover			
		Flanged Type		Angle Type			Dimensions—Inches				List Price per Foot	Gauge Steel	Approx. Weight per Foot Lbs.
		List Price per Foot	Approx. Weight per Foot Lbs.	List Price per Foot	Approx. Weight per Foot Lbs.	Size Angle	A	B	C	D			
4	18	\$ 2.25	5½	1¼x1¼x¼	5	6¾	1¼	3¾	\$0.60	20	1
	16	.....	.....	2.75	6½						
	14	.....	.....	3.25	7½						
6	16	2.75	7½	1¼x1¼x¼	7	8¾	1¼	4½	.85	18	2
	14	.....	.....	3.25	9						
	12	\$ 3.60	10	4.00	11								
9	14	4.00	13	2 x1½x¼	10	12¼	2	6¾	1.15	16	3
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
10	14	4.00	13	2 x1½x¼	11	13¼	2	7	1.20	16	3½
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
12	14	4.00	13	2 x2 x¼	13¼	15½	2	9	1.45	16	4
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
14	14	4.00	13	2 x2 x¼	15½	17¾	2	9¾	1.50	16	4½
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
16	14	4.00	13	2 x2 x¼	17½	19¾	2	11	1.60	16	5
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
18	14	4.00	13	2½x2 x¼	19¾	22½	2½	12½	2.10	14	7½
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								
20	14	4.00	13	2½x2 x¼	21½	24½	2½	12½	2.30	14	7½
	12	4.40	13	5.00	16								
	10	5.00	17	6.00	19								

Jeffrey Spiral Conveyor Fittings

Steam-jacketed steel trough is sometimes used for drying material in transit with low pressure steam. The jacket is electric welded to the trough and is steam tight.



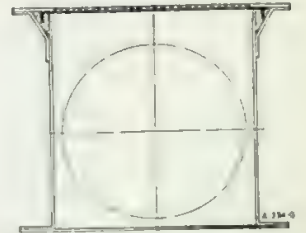
Malleable Iron
Cover Clamp



Heavy Duty Cover
Clamp
List Price each, \$0.40

When desirable to have a dust-tight cover that is very readily removable for inspection the Sand Seal Cover is used. The channel around the top is either filled with sand, or dust from the material handled is allowed to collect until a seal is formed.

The square style steel trough shown by the line drawing at the right is sometimes used in the handling of cement and similar materials.



Steel Linings for Wood Conveyor Boxes

2023

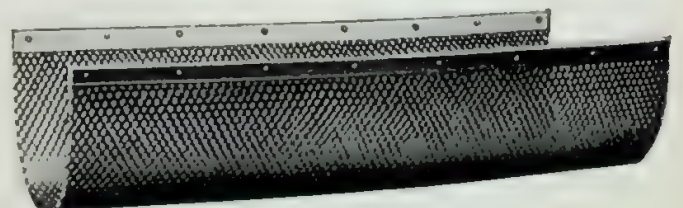
List Prices

Diam. of Conveyor In.	Width of Sheet In.	Standard Gauge Gauge of Steel	List Price Per Lineal Foot	Heavy Gauges—List Price Per Lineal Foot Gauge of Steel							
				20	18	16	14	12	10	$\frac{3}{16}$	$\frac{1}{4}$
4	8½	24	\$0.21	\$0.25	\$0.35	\$0.40					
6	11¼	24	.30	.40	.50	.60	\$0.70				
9	16	20	.50		.65	.75	.95	\$1.25			
9	18				.75	.85	1.00	1.35			
9	20				.80	.90	1.15	1.55	\$2.00		
10	18	20	.55		.75	.85	1.00	1.35	1.85		
10	20				.80	.90	1.15	1.55	2.00		
10	24				.95	1.10	1.35	1.85	2.40		
12	20	20	.60		.80	.90	1.15	1.55	2.00	\$3.10	\$4.00
12	24					1.10	1.35	1.85	2.40	3.65	4.75
14	24	18	.95			1.10	1.35	1.85	2.40	3.65	4.75
14	27					1.40	1.70	2.30	3.00	4.10	5.10
16	27	18	1.20			1.40	1.70	2.30	3.00	4.10	5.10
16	30					1.50	1.85	2.45	3.10	4.40	5.50
16	36					1.65	2.05	2.80	3.60	4.90	6.40
18	36	18	1.45			1.65	2.05	2.80	3.60	4.90	6.40
18	42						2.30	3.10	4.00	5.50	7.00

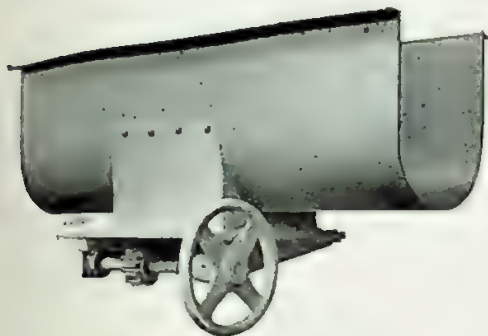
List Prices

Diam. Conv- veyor In.	List Price per Lineal Foot	Diam. of Perfor- ations In.	Gauge of Steel	Width of Sheet In.	Length of Sheet In.	Weight Per Lineal Foot Lbs.
6	\$0.65	$\frac{1}{8}$	18	12	30	1.6
6	.65	$\frac{3}{32}$	18	12	30	1.6
6	.65	$\frac{1}{16}$	18	12	30	1.6
6	.65	$\frac{1}{4}$	18	12	30	1.6
9	1.00	$\frac{1}{8}$	18	18	30	2.2
9	1.00	$\frac{3}{32}$	18	18	30	2.2
9	1.00	$\frac{1}{16}$	18	18	30	2.2
9	1.00	$\frac{1}{4}$	18	18	30	2.2
10	1.10	$\frac{1}{8}$	18	20	30	2.3
10	1.10	$\frac{1}{4}$	18	20	30	2.3
12	1.30	$\frac{1}{8}$	18	24	30	2.6
12	1.30	$\frac{3}{32}$	18	24	30	2.6
12	1.30	$\frac{1}{16}$	18	24	30	2.6
12	1.30	$\frac{1}{4}$	18	24	30	2.6

Perforated Linings for Wood Conveyor Boxes



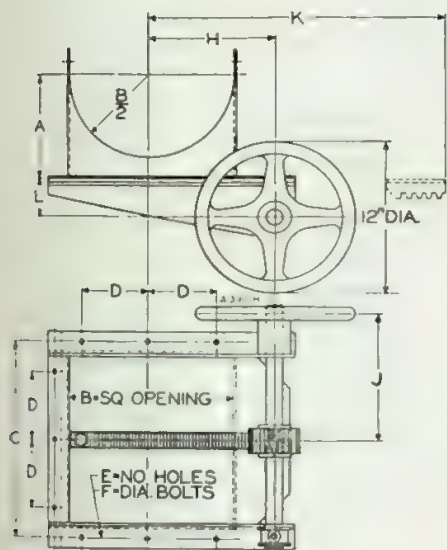
Jeffrey Spiral Conveyor Valves



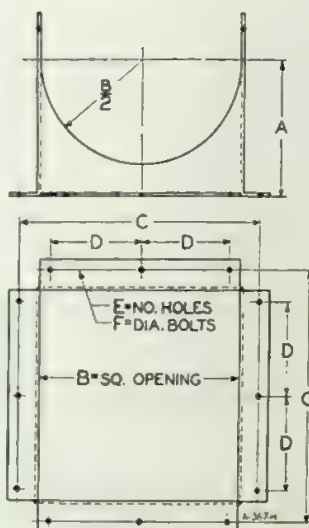
Rack and Pinion Valve



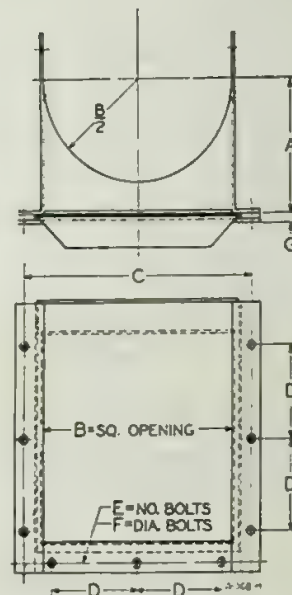
Plain Slide Valve



Rack and Pinion Valve



Discharge Spout



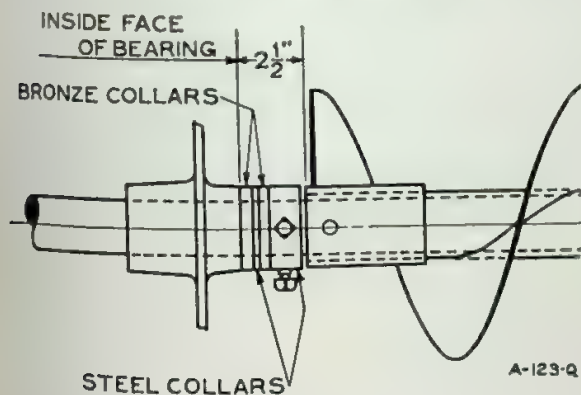
Plain Slide Valve

Discharge Spouts and Valves for Jeffrey Spiral Conveyor are made of steel plate of a thickness suitable to the size of trough, the bodies being electric welded.

The sliding plates of both the plain and rack and pinion valves can be so assembled as to operate in any one of the four directions.

Diameter Con- veyor Inches	List Price Plain Opening No Spout or Valve	Stub Discharge Spout		Stub Discharge Spout with Slide Valve		Stub Discharge Spout with Rack and Pinion Valve		Dimension—Inches											
		List Price	Approx. Weight Pounds	List Price	Approx. Weight Pounds	List Price	Approx. Weight Pounds	A	B	C	D	E	F	G	H	J	K	L	
6	\$2.00	\$ 9.00	5	\$14.00	15	\$30.00	55	4½	7	9	2½	2	¾	7⁄16	7⅝	6½	13	2¾	
9	2.50	11.00	10	16.00	25	34.00	65	5⅞	10	12	4	3	⅜	1⁄16	9⅛	8	17½	2¾	
10	2.50	12.50	15	18.00	35	38.00	75	6⅞	11	13	4½	3	⅜	⅜	9⅝	8½	19	2½	
12	2.75	14.00	25	20.00	55	44.00	100	8¼	13¼	15¾	5⅜	3	½	1⁄16	10¾	10½	22⅜	2½	
14	3.00	16.50	30	24.00	65	50.00	115	8⅝	15½	18	6½	3	½	⅞	11⅞	11¼	25¾	2½	
16	3.50	19.00	45	28.00	100	60.00	150	9¾	17½	20	7½	3	½	⅞	12⅞	12¼	28¾	2⅞	

Thrust Collars



It is customary to equip conveyors 25 feet and more in length with end thrust collars, as shown, to take the thrust of the conveyor. These collars consist of two bronze and two steel collars.

Diam. Coupling In.	List Price Each Set	Approx. Weight Each Set Lbs.
1	\$3.50	2
1 1/2	4.00	2 1/2
2	6.50	3 1/2
2 1/4	8.00	4 1/2
3	9.50	6

Jeffrey Cable Conveyors

THE Cable Conveyor is primarily used for the long distance hauling of loose bulk materials. In construction, it is quite simple, being a series of circular discs or clamps mounted at intervals on a steel cable. Both the carrying and return strands of the conveyor run in a curved steel trough. Can be loaded at any point along the conveyor and by placing valves in the carrying trough, delivery can be made at as many places as desired.



Handling Kegs in a Nail Mill



Handling Chips from Lathes in an Automobile Plant



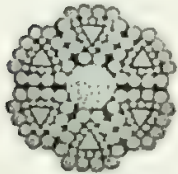
Jeffrey Cable Retarding Conveyor

A 1500 foot Cable Retarding Conveyor handling 250 tons of coal per hour with practically no power required to operate.

Jeffrey Cable Conveyors

"Conveyor Brand" Wire Rope

The Ideal Cable for Conveyor and Car Haul Service



Flattened Strand
Rope



As the success of a Cable Conveyor depends largely upon the character of the cable used, we have after exhaustive tests adopted this cable as the best suited to meet all the requirements of such service. It is composed of six flattened strands of twenty-five wires each of thoroughly tested high grade crucible steel laid around a hemp or wire center and so constructed as to reduce rotating to a minimum.

Flattened Strand Ropes have been designed to secure the greatest wearing surface and yet retain as much flexibility as possible. The external surfaces of these ropes more nearly approach a solid round bar than do the ropes made up of round strands, and possess about 150 per cent more wearing surface.

List Price

Diameter Cable Inches	List Price per Foot		Approximate Weight per Foot Lbs.	Approximate Breaking Strength Hemp Center Lbs.†	Max. Working Strength Total or Straight Line Pull at Safety Factor 5
	Hemp Center	Wire Center			
1/2	\$0.14 1/2	-----	0.45	17700	3540
5/8	.18 1/4	-----	0.72	25000	5000
3/4	.24	\$0.26 1/2	1.00	34600	6920
7/8	.30	.33	1.38	48800	9760
1	.39 1/2	.43 1/2	1.80	64200	12840
1 1/8	.50	.55	2.30	83200	16640
1 1/4	.59 1/2	.65 1/2	2.80	100200	20040
1 3/8	.73	.80 1/2	3.45	121000	24200
1 1/2	.86	.95	4.00	140000	28000

Wire centers recommended for Conveyor and Car Haul Service requiring 3/4" Cable and larger.

†Wire Center increases Breaking Strength, but not Working Strength, by approximately 10 per cent.

Standard Steel Troughs for Cable Conveyors



E-1



E-2



E-4

Other Forms of Troughs made on order

List Prices

Diam- eter Attach- ment Inches	Style E-1 or E-2 Trough					Diam- eter Attach- ment Inches	Style E-4 Trough				
	Width of Sheet Inches	Thickness—Price per Foot					Width of Sheet Inches	Thickness—Price per Foot			
		No. 12	No. 10	$\frac{3}{16}$ "	$\frac{1}{4}$ "			No. 12	No. 10	$\frac{3}{16}$ "	$\frac{1}{4}$ "
4	12	\$0.85	\$0.95	\$1.20		4	6	\$0.65	\$0.75	\$0.90	
5	15	1.00	1.15	1.45		5	7½	.70	.80	1.00	
6	18	1.15	1.35	1.70	\$2.30	6	9	.75	.85	1.05	
8	24	1.45	1.75	2.15	2.90	8	12		.95	1.20	\$1.65
10	30		2.15	2.65	3.50	10	15		1.15	1.45	1.95
12	36		2.65	3.20	4.10	12	18		1.35	1.70	2.30

Jeffrey Gapped Sheave Wheels for Cable Conveyors

JEFFREY Flexible Tooth Adjustable Rim Sheaves embody those features and refinements which insure proper working and long life of the Cable Conveyor.

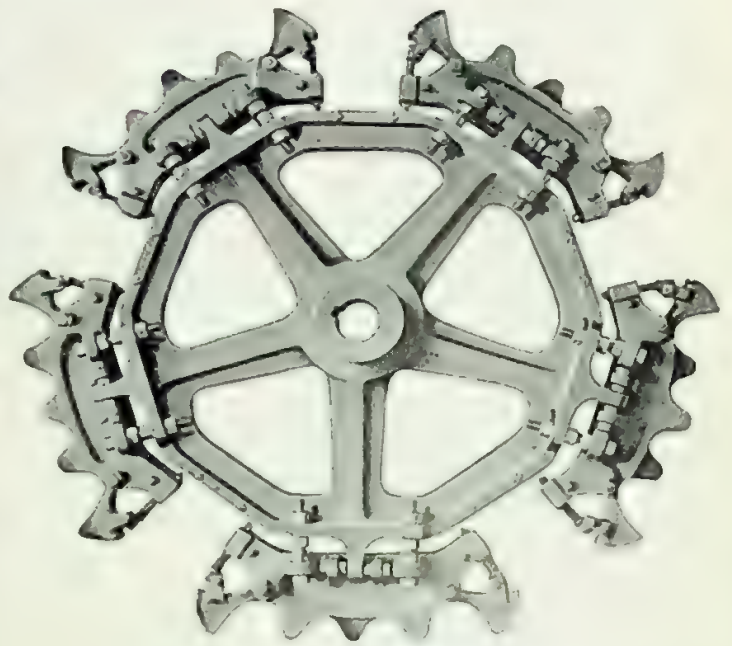
The Flexible feature, with proper adjustment of the rim, eliminates practically all the wear between the ends of the cable clamps and the face of the teeth.



The teeth are set down against the rim for a driving sheave as shown at left.

The clamp, upon leaving the sheave pulls the tooth out until it releases, but not before the following clamp has seated itself against its tooth and has taken up the driving stress, after which a coil spring brings the tooth back to its original position. Only one tooth of the sheave does the driving at any one time and that is the tooth in the act of leaving the clamp.

On the Driven Sheave, the teeth are maintained in the outer position by the springs, the action of the clamps on the teeth being



the reverse of that described above for the driving sheave.

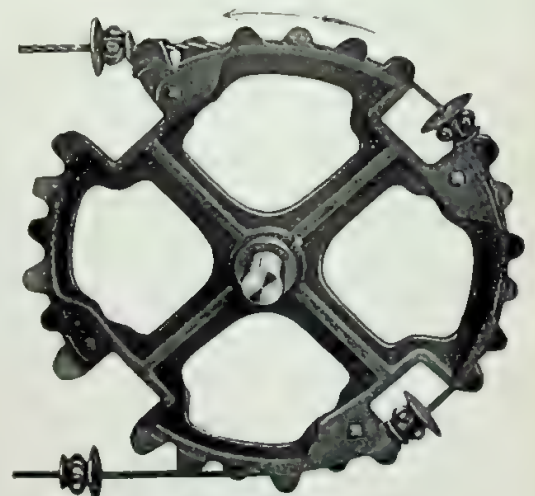
Since the constant working stress will in time stretch the rope slightly and thereby change the spacing of the clamps, there must be either an adjustment of the rim of the sheave or the clamps will have to be respaced. This respacing of the clamps not only necessitates considerable labor but a consequent delay in the operation of the conveyor. The adjustment of the rim will compensate for all nominal stretch in the rope without the respacing of the clamps.



Adjustable Rim—
Double Flexible Teeth

Single Flexible Teeth Sheaves have flexible teeth on one side of each gap as shown at right while Double Flexible Teeth are on both sides of each gap.

The Double Flexible Tooth Sheave shown at the left and above has its application where travel of Conveyor is to be reversed and on Retarding Conveyors where it acts as a Driver wheel when starting Conveyor and changes to Driven when running under load. The type of Sheave shown on the right is used on Conveyors operating in one direction only.



Solid Rim—Single Flexible Teeth

Jeffrey Gapped Sheave Wheels for Cable Conveyors

List Prices and Dimensions

Item No.	Diam-eter Sheave to Center of Rope Inches	Spacing of Att's or Pitch Inches	No. of Gaps	Teeth per Gap	Max. "Dia. of Disc" Gaps will take	Approx. Weight Pounds	Lgst. Bore at List Price	List Price		Net Working Strength in Pounds of Standard Gapped Sheaves for various sizes of Cable							
								Driver	Driven	Diameter of Cable in Inches							
										3/8 & 1/2	5/8	3/4	7/8	1	1 1/4	1 1/2	
2	23 1/4	24	3	Single	6	132	2 7/16	\$ 65.00	\$ 55.00	2400							
5	31 1/2	24	4	"	8	242	2 11/16	100.00	85.00	3240	3710						
9	35	36	3	Double	8	495	2 11/16	275.00	260.00		3950						
10	36	36	3	Single	10	260	3 7/16	95.00	80.00	3450	3900	4000					
11	38 1/4	24	5	"	8	294	3 7/16	125.00	105.00	3240	3950	4130					
12	39	24	5	Double	9	577	2 11/16	310.00	275.00		3950						
13	46 1/4	24	6	Single	8	407	3 11/16	165.00	140.00	3730	4700	5000					
14	46 1/2	36	4	"	10	433	4 1/16	145.00	125.00	3770	4700	5000	5790				
15	46 1/2	36	4	Double	10	590	3 11/16	250.00	220.00		4700	5000					
18	47	36	4	"	10	740	3 7/16	295.00	255.00		4700	5000	5790				
19	47	24	6	"	10	426	3 11/16	240.00	185.00	3770	4700	5000					
20	57 1/2	36	5	Single	12	656	4 1/16	195.00	175.00		4700	5000	7290	8060			
21	58	36	5	Double	12	1200	4 7/16	410.00	360.00			5000					
22	58	36	5	"	12	750	4 1/16	280.00	235.00			5000	7290	8060			
26	62	24	8	"	12	1400	4 11/16	515.00	450.00			7300	7800				
27	62	24	8	Single	10	900	4 1/16	300.00	265.00		5900	7300	7800				
28	68 3/4	36	6	Double	14	1900	5 1/16	625.00	550.00					9590	10900		
29	69	36	6	"	14	1220	5 1/16	460.00	380.00					9590	10900		
30	69	36	6	"	14	1110	4 7/16	450.00	410.00		5600	6600					
31	69 1/4	36	6	Single	12	900	5 7/16	275.00	250.00		5600	6600	6800				
32	69 1/2	36	6	"	12	1200	5 11/16	350.00	310.00					9590	10900		
33	69 1/2	24	9	"	8	1380	4 11/16	400.00	370.00	4230	5600	6600					
37	77	48	5	"	12	1485	6 7/16	390.00	360.00				9250	10700	11600		
†46	75.10	48	5	Double	12	2820	6 7/16	760.00	760.00				10000	13200			
†47	74.66	48	5	"	12	2700	6 7/16	750.00	750.00				10000	13200			
†48	75.00	48	5	"	12	2950	6 7/16	1025.00	1025.00						16800	20800	
†49	75.00	48	5	"	12	3600	8 1/2	1160.00	1160.00						16800	20800	
39	78	60	4	Single	12	1580	6 7/16	405.00	375.00					12900	14300	16900	
40	78 1/2	60	4	Double	12	1600	6 7/16	475.00	405.00					12900	14300	16900	
41	80 1/2	36	7	"	12	1465	5 11/16	490.00	430.00			7975	8750	9950			
42	80 1/2	36	7	"	15	1920	5 11/16	625.00	550.00			7975	8750	9950			
43	91 3/4	36	8	"	16	2720	6 11/16	850.00	750.00					11500	12800		
44	92	48	6	"	16	2800	6 11/16	850.00	725.00					13900	15000		
45	92 1/2	48	6	Single	12	1925	6 7/16	500.00	460.00					11500	13900		

To Select Sheaves note carefully:—

- (a) "Spacing of Att's" required.
- (b) "Max. Length of Gaps" for Haul-up Attachments.
- (c) "Max. Dia. of Disc" for Conveyor Attachments.
- (d) "Net Working Strength" of Cable.
- (e) Order by "Item No." and "Diam. of Cable."

*Sheaves in Bold Type have "Adjustable Rims" and are used for Car Haul-ups and Heavy Conveyor Service. Other sheaves have "Solid Rims" and are used for conveyors of light service only not exceeding 150 feet centers.

Driver and Driven Sheaves furnished respectively with cast steel and cast iron flexible teeth, except Items 46, 47, 48 and 49, which are fitted with cast steel teeth for both Driver and Driven Wheels. Driven Sheave should ordinarily be same diameter as the Driver.

†Item 46 Has Gap 8 inches long.

†Item 47 Has Gap 15 inches long.

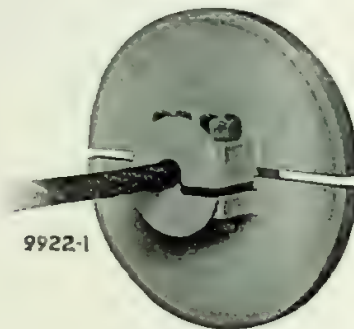
†Item 48 has Cast Steel Rim Segments.

††Item 49 Same as Item 48 with heavily reinforced Arms and Hub.

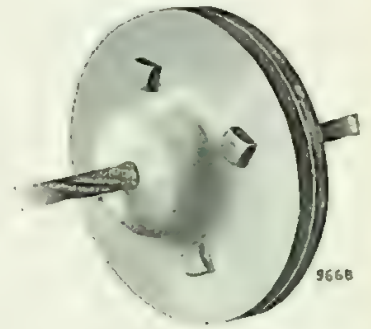
Jeffrey Attachments for Cable Conveyors



F-5 1/2 (4 Bolts)



F-6 1/2 (4 Bolts)



F-10 1/2 Splice



F-1 1/2 (4 Bolts)



F-9 1/2 (4 bolts)
F-9 (2 Bolts)

List Prices and Dimensions (Cast Iron)

1/2" Cable						1" Cable					
Attachment No.	Diam. of Disc In.	Length of Hub In.	List Price Each	Working Strength Lbs.	Approx. Weight Lbs.	Attachment No.	Diam. of Disc In.	Length of Hub In.	List Price Each	Working Strength Lbs.	Approx. Weight Lbs.
F- 1 1/2		4	\$1.30	3720	5 3/4	F- 1 1/2		5 1/2	\$3.50	9600	15 1/2
F- 5 1/2	6	4	1.60	3720	7 1/2	F- 6 1/2	8	5 1/2	4.20	9600	22 3/4
F-10 1/2	6	4	2.20	7500	11	F- 6 1/2	12	5 1/2	6.00	9600	37 1/2
5/8" Cable						F- 9	8	5 1/4	6.80	13200	38 1/4
F- 1 1/2		4 1/4	\$1.60	4000	7	F- 9 1/2	6	5 1/2	4.00	9600	20 1/4
F- 5 1/2	6	4 1/4	2.00	4000	9	F-10 1/2	6	5 1/2	5.00	17650	23 1/2
F- 5 1/2	8	4 1/4	2.20	4000	9 1/4	F-10 1/2	8	5 1/2	8.00	18000	46
F-10 1/2	6	4 1/4	2.60	7500	13	F-10 1/2	12	5 1/2	10.00	18000	55
F-10 1/2	8	4 1/4	3.80	7500	21						
3/4" Cable						1 1/8" Cable					
F- 1 1/2		4 3/4	\$2.20	6250	10	F- 1 1/2		6	\$4.50	12800	22
F- 5 1/2	6	4 3/4	2.40	6250	11 3/4	F- 6 1/2	12	6	7.20	12800	40
F- 6 1/2	8	4 3/4	3.00	6250	17 1/4	F- 9	8	5 1/2	7.20	16800	39 1/4
F- 6 1/2	10	4 3/4	3.70	6250	20 1/4	F- 9 1/2	6	6	5.00	12800	25 1/2
F- 9	6	5	4.00	7720	19 1/2	F-10 1/2	8	6	9.40	25200	47 3/4
F-10 1/2	6	4 3/4	4.00	11750	22 1/4	F-10 1/2	12	6	10.60	25200	59 1/2
F-10 1/2	8	4 3/4	4.80	11750	26						
F-10 1/2	10	4 3/4	6.00	11750	34 1/2						
7/8" Cable						1 1/4" Cable					
F- 1 1/2		5 1/2	\$3.00	9600	15 1/2	F- 1 1/2		6 3/4	\$7.00	17600	37 1/4
F- 6 1/2	8	5 1/2	3.80	9600	20 1/2	F- 6 1/2	12	6 3/4	9.60	17600	52 1/2
F- 6 1/2	12	5 1/2	5.50	9600	32 1/2	F- 9 1/2	8	7 1/2	8.60	20800	46 1/2
F- 9	8	5 1/4	6.40	10000	38 1/4	F-10 1/2	8	6 3/4	10.00	33000	58 1/2
F-10 1/2	6	5 1/2	4.40	17650	27 1/2	F-10 1/2	8	7 1/2	10.00	24200	46 1/2
F-10 1/2	8	5 1/2	5.80	17650	28 1/2	F-10 1/2	12	6 3/4	12.00	33000	59 1/2
F-10 1/2	12	5 1/2	9.00	18000	52						

Jeffrey Belt Conveyors

LARGE carrying capacities and low power consumption are responsible for the broad application of Jeffrey Troughed Conveyors to the handling of loose materials in many industries. The various types of Jeffrey Carriers used on Belt Conveyors are illustrated on the following pages.

At the right is shown a large Belt Conveyor with Traveling Tripper, used in the construction of a modern Sewage Disposal Plant.



BELT Conveyors are ordinarily used to convey on the horizontal and up slight inclines, however, these Conveyors can be installed to carry material to considerable heights.

The Belt Conveyor in left hand illustration receives the stone from storage bins above and takes it to a Jeffrey Pulverizer for preliminary grinding.

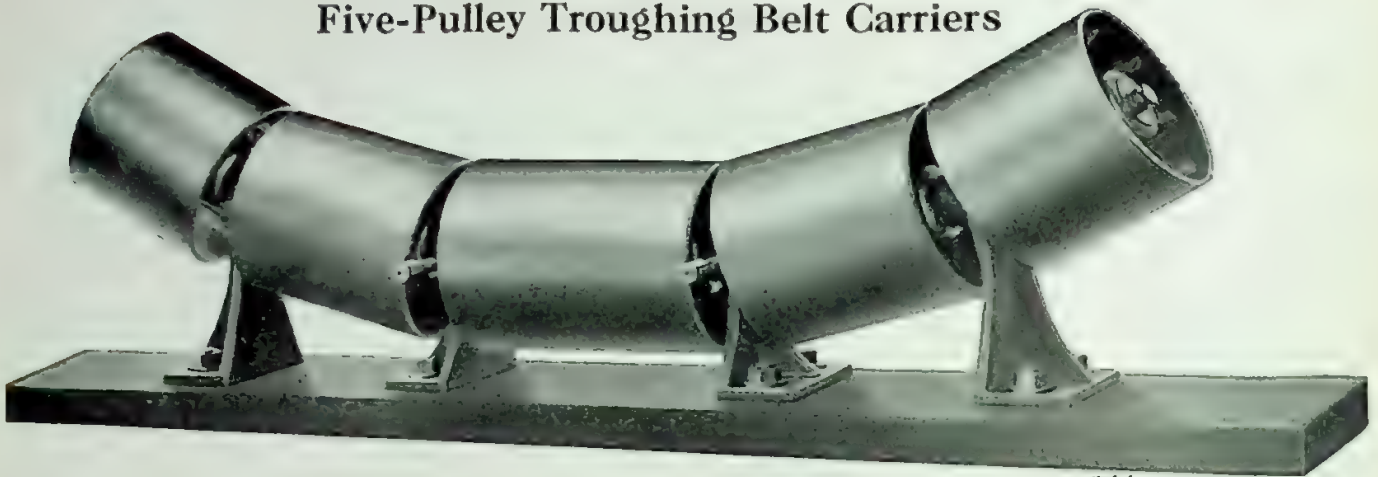
JEFFREY Flat Belt Conveyors have simplified the handling of packaged, boxed and sacked material in many store-rooms, warehouses, and manufacturing plants. Their ability to maintain a continuous flow of material makes their use economical where large quantities are handled.

At the right, four Jeffrey Flat Belt Conveyors installed in a Tile Plant for handling saggars.



Jeffrey Belt Conveyors

Five-Pulley Troughing Belt Carriers



15416

Can be supplied with wood or channel iron base

THE diameter of pulleys and troughing angle of Jeffrey Belt Carriers are the result of extensive engineering experience in the successful handling of various classes of materials. Pulleys are set in line upon hollow renewable steel spindles connecting four rigid and well proportioned supporting stands.

Jeffrey Carriers are made in three types, plain bearing, bronze bushed and roller bearing. In all of these an ample grease pocket is provided in each pulley.

In the plain bearing type the cast iron hubs of the pulleys are smoothly bored for a running fit on the hollow steel spindles. Ample pockets are cored in the hubs providing reservoirs for a plentiful supply of grease.

Bronze is known as one of the best of bearing metals in point of life. In the Bronze Bushed Carriers each pulley is fitted with two large, flanged bronze bushings. The bronze flanges take the slight end thrust of the inclined pulleys. The grease pocket feature is also provided in these pulleys. Another advantage of the bronze bushed carriers is that when wear does become excessive, renewing the bushings makes the carriers virtually new.

The Anti-Friction or Roller Bearing Carriers will out-wear either of the other types and effect a saving of approximately 50% in power.

The roller bearings are completely protected from the entrance of grit or other foreign substances by the labyrinth grease seals and protecting caps. As in the other types the grease pockets are provided.

All pulleys are of cast grey iron which will withstand wear and corrosion better than steel. They are of the open type with no pockets to collect dirt and the rims are reinforced by ribs on the inside.

Lubrication is made positive on all types with the Alemite Industrial system. Individual fittings to the center pulleys give assurance of the grease getting to all bearings.

Grease is fed to the bearings from the inside thru holes in the hollow spindles. When the high pressure is applied the old used grease is forced out at the end of the hubs, thus carrying out any dirt that might adhere.

Both the 3 and 5 pulley types are provided with High Pressure Lubrication and cannot be fitted with compression grease cups.

All carriers are thoroughly packed with a high grade grease before leaving the factory.

To change from the plain bearing carriers to either the bronze bushed or roller bearing carriers it is only necessary to change the pulleys, stands and boards being interchangeable.

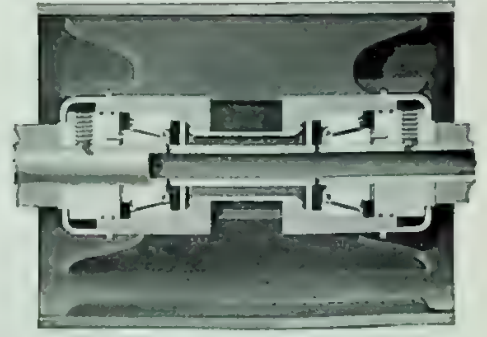
Furnished in Three Types of Construction



Pulley with Plain Bearing



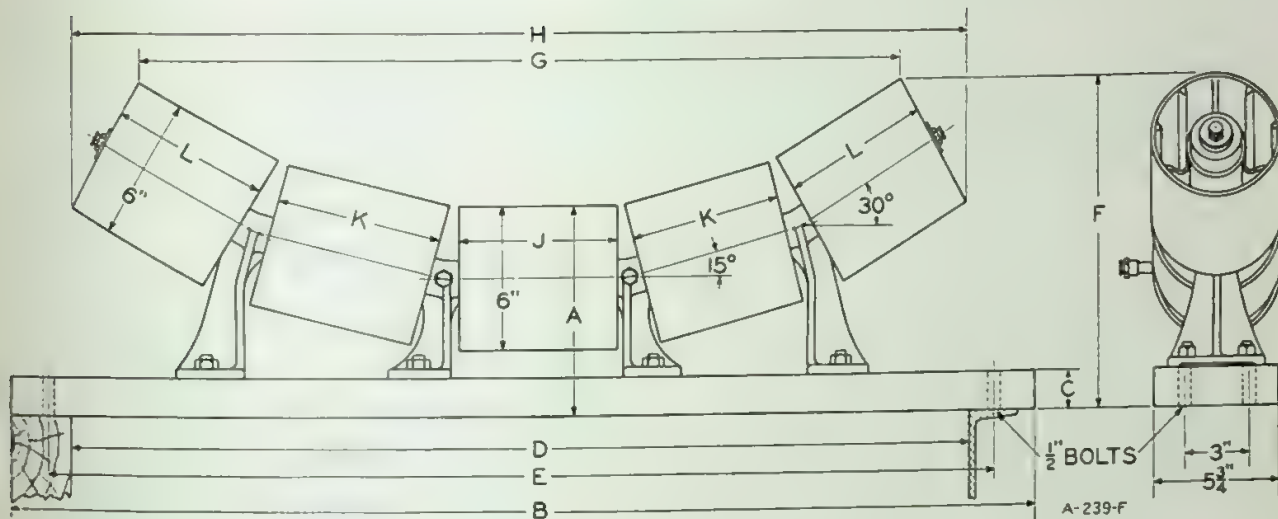
Pulley with Bronze Bushing



Pulley with Roller Bearing

Jeffrey Belt Conveyors

Five Pulley Troughing Belt Carriers



List Prices and Dimensions of Five Pulley Belt Carriers

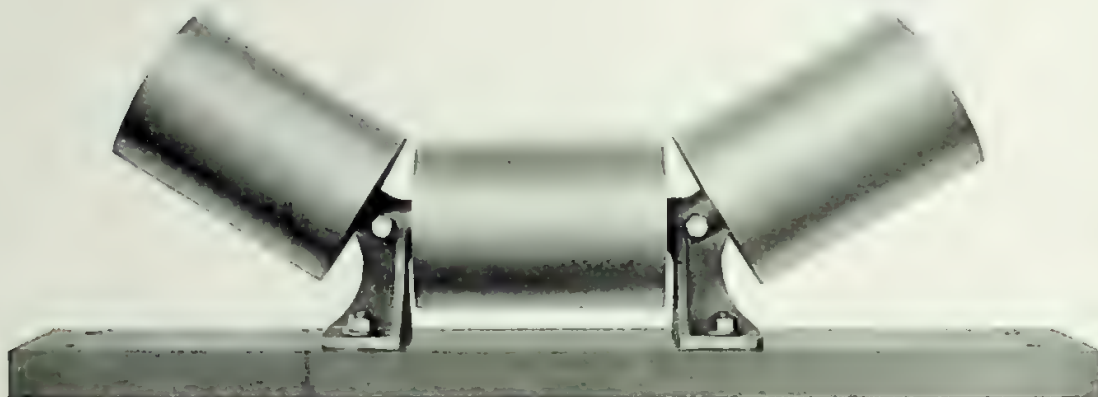
Width of Belt In.*	List Prices Each				Approx. Weight Pounds		Dimensions—Inches											
	Plain Bearing on Board	Bronze Bushed on Board	Roller Bearing on Board	Extra for Channel Base	Plain and Bronze Bushed	Roller Bearing	A	B	C	D	E	F	G	H	J	K	L	
24	\$21.00	\$26.00	On Application	\$2.00	73	86	8¾	36	15s	30	32¼	13	25¾	31¾	5¼	5¼	5¼	
30	24.00	29.00		2.20	84	99	8¾	44	15s	38	40¼	137s	315s	375s	6½	6½	6½	
36	27.00	32.00		2.40	100	118	8¾	50	15s	44	46¼	14¾	37½	43½	8½	8½	6½	
42	33.00	38.00		2.60	116	130	8¾	56	15s	50	52¼	15	43¾	49¾	10½	10½	6½	
48	38.00	44.00		3.00	127	142	8¾	62	15s	56	58¼	15	50	56	17	10½	6½	

NOTE: The above dimensions apply to plain bearing, bronze bushed or roller bearing carriers.

* All sizes of Carriers listed are carried in stock.

Jeffrey Belt Conveyors

Three-Pulley Troughing Belt Carriers



Can be supplied with wood or channel iron base

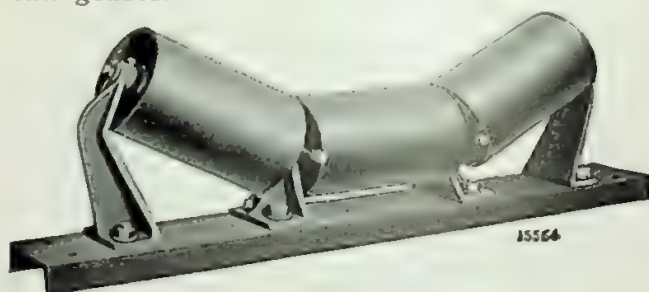
THE Jeffrey Standard Three Pulley Carrier embodies the same quality features as the Five Pulley Carrier, described on page 252, and can be furnished in any one of the three types illustrated by cross-section views below.

The style shown above, with end pulleys inclined to 30° is furnished for belts from 14 to 24 inches wide. For belts from 30 to 48 inches wide, the style illustrated at the right, with end pulleys inclined to 25° and having outboard bearings, is furnished.

All pulleys are of cast grey iron which will withstand wear and corrosion better than steel. They are of the open type with no pockets to collect dirt, and the rims are reinforced by ribs on the inside.

Lubrication is made positive on all three types of construction, with the Alemite Industrial system. Individual fittings to the center pulleys give assurance of the grease getting to all bearings.

To change from the plain bearing carriers to either the bronze bushed or roller bearing carriers it is only necessary to change the pulleys, the stands and boards being interchangeable.



Three Pulley Belt Carrier with Outboard Bearings for Wide Belts

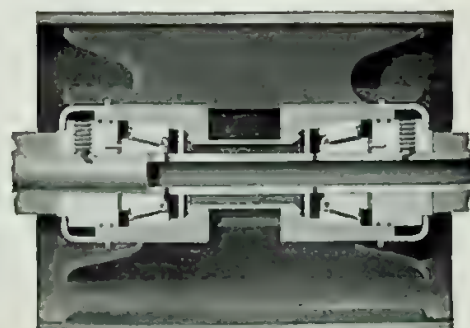
Furnished in Three Types of Construction



Pulley with Plain Bearing



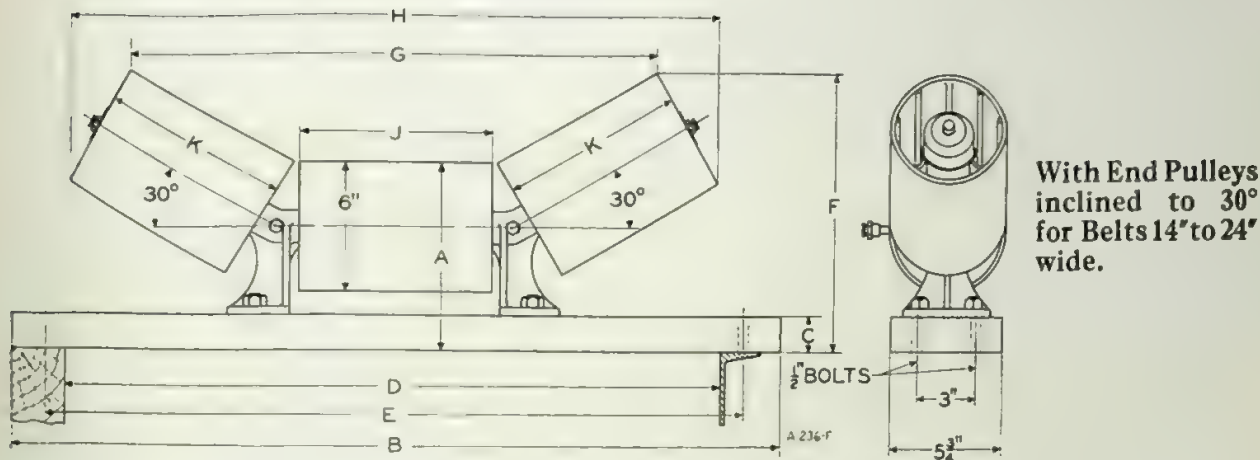
Pulley with Bronze Bushings



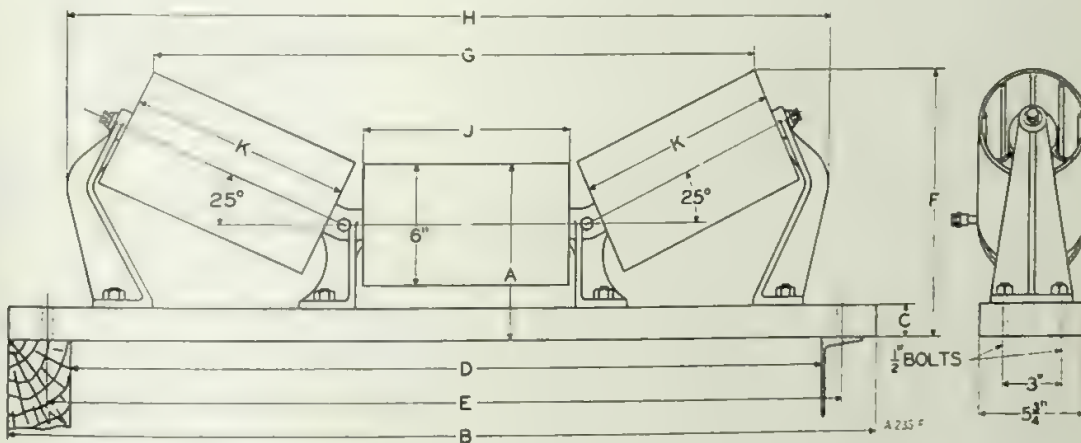
Pulley with Roller Bearings

Jeffrey Belt Conveyors

Three-Pulley Troughing Belt Carriers



With Out-board stand and end pulleys inclined to 25° for Belts 30" to 48" wide.



List Prices and Dimensions of Three Pulley Belt Carriers

Width of Belt In.	List Price Each				Approx. Weight Pounds		Dimensions—Inches										
	Plain Bearing on Board	Bronze Bushed on Board	Roller Bearing on Board	Extra for Channel Base	Plain and Bronze Bushed	Roller Bearing	A	B	C	D	E	F	G	H	J	K	
14	\$12.00	\$15.00	\$33.00	\$1.30	38	47	8 1/4	24	1 1/8	20	22 1/4	11	14 3/4	20 3/4	5 1/4	5 1/4	
16	13.00	16.00	33.50	1.40	48	55	8 1/4	26	1 1/8	22	24 1/4	11 5/8	18 1/4	24 1/4	6 1/2	6 1/2	
18	14.00	17.00	34.50	1.60	49	56	8 1/4	30	1 1/8	24	26 1/4	11 5/8	18 1/4	24 1/4	6 1/2	6 1/2	
20	15.00	18.00	35.00	1.70	64	73	8 1/4	32	1 1/8	26	28 1/4	11 5/8	20 1/4	26 1/4	8 1/2	8 1/2	
24	18.00	21.00	36.00	1.80	65	76	8 3/4	36	1 5/8	30	32 1/4	13 1/8	23 1/2	29 5/8	8 1/2	8 1/2	
30	23.00	26.00	40.00	2.20	91	100	8 3/4	44	1 5/8	38	40 1/4	13 1/4	30 1/8	38 1/2	10 1/2	10 1/2	
36	27.00	30.00	43.00	2.40	102	116	8 3/4	50	1 5/8	44	46 1/4	14 3/8	37 3/8	45 1/2	13	13	
42	-----	-----	46.00	2.60	117	129	8 3/4	56	1 5/8	50	52 1/4	15 1/4	43	51 1/4	15	15	
48	-----	-----	49.00	3.00	130	142	8 3/4	62	1 5/8	56	58 1/4	16	48 5/8	57	17	17	

* Carriers listed are carried in stock

Carriers can be mounted on channel or 3/8" steel plate instead of boards as shown above.

Jeffrey Belt Conveyors

Belt Conveyor Return Idlers

With Swivel Bearings and Grease Fittings for
Five, Three and Single Pulley Carriers



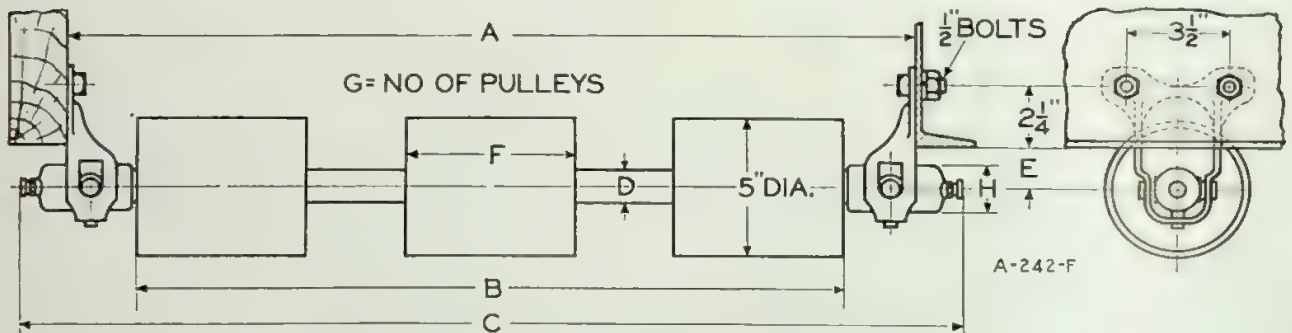
Bottom-Hanging Swivel-Bearing

Can be mounted on
either wood or steel
stringers.



Side-Hanging Swivel-Bearing

Side-Hanging type furnished unless otherwise specified.



List Prices and Dimensions

Width of Belt In. *	List Price Each		Approx. Weight Pounds		Dimensions—Inches													
					A	B	Plain Bearing						Roller Bearing					
	Plain Bearing	Roller Bearing	Plain Bearing	Roller Bearing			C	D	E	F	G	H	C	D	E	F	G	H
14	\$ 8.65	\$17.00	22	31	20	15	24 1/4	1 5/16	1 1/2	4	3	1 7/16	22 3/4	1 3/16	2	5	3	2 3/4
16	8.75	17.50	23	32	22	17	26 1/4	1 5/16	1 1/2	4	3	1 7/16	24 3/4	1 3/16	2	5	3	2 3/4
18	10.40	18.00	28	33	24	19	28 1/4	1 5/16	1 1/2	4	4	1 7/16	26 3/4	1 3/16	2	5	3	2 3/4
20	10.50	19.00	29	39	26	21	30 1/4	1 5/16	1 1/2	4	4	1 7/16	28 3/4	1 3/16	2	6	3	2 3/4
24	12.00	20.00	38	40	30	25	34 1/4	1 3/16	1 1/2	6	3	1 11/16	32 3/4	1 3/16	2	6	3	2 3/4
30	14.50	22.50	47	50	38	31	42 1/4	1 3/16	1 1/2	6	4	1 11/16	40 3/4	1 3/16	2	6	4	2 3/4
36	15.00	25.00	48	52	44	37	48 1/4	1 3/16	1 1/2	6	4	1 11/16	46 3/4	1 3/16	2	6	4	2 3/4
42	17.00	27.50	56	61	50	43	54 1/4	1 3/16	1 1/2	6	5	1 11/16	52 3/4	1 3/16	2	6	5	2 3/4
48	17.50	30.00	58	63	56	49	60 1/4	1 3/16	1 1/2	6	5	1 11/16	58 3/4	1 3/16	2	6	5	2 3/4

* All Idlers listed are Carried in Stock.



Roller Bearing
Side-Hanger

The Jeffrey Malleable Iron Hanger, while lighter in appearance than the ordinary cast iron hanger, is much stronger in service and therefore a greater insurance to the continuous performance of the conveyor in rough and rugged service.

All edges are nicely rounded to prevent any possible injury to the belt.

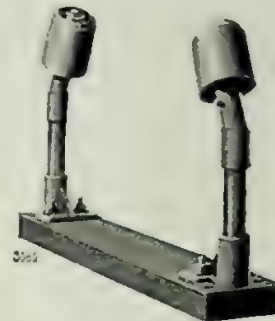
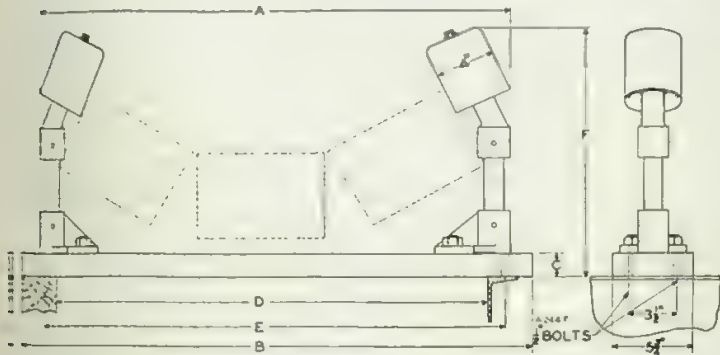


Plain Bearing
Side-Hanger

Jeffrey Belt Conveyors

Belt Conveyor Guide Idlers

JEFFREY Guide Idlers for Three and Five Pulley Troughing Belt Carriers are designed so as to permit of a minimum over-all width of conveyor. The smooth, curved ends of the Jeffrey Patented pulleys protect the edges of the belt from possible injury, whereas the old style square-edged pulleys ruined many belts. Guide Idlers are not necessary with Roller Bearing Carriers.

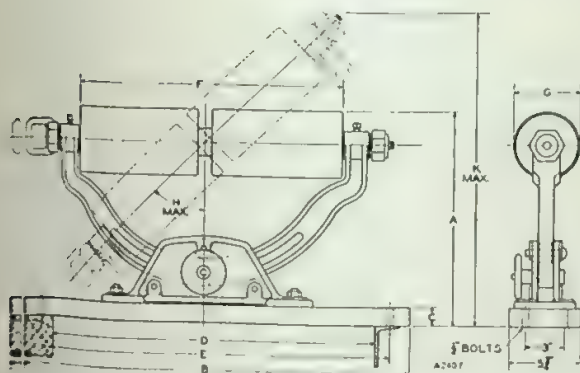


Jeffrey Guide Idlers

List Prices and Dimensions

	Dimensions—Inches																	
Width of Belt In.	FOR 5 PULLEY CARRIERS									FOR 3 PULLEY CARRIERS								
	List Price on Board Each	Extra for Channel Base	Approx. Weight Lbs.	A	B	C	D	E	F	List Price on Board Each	Extra for Channel Base	Approx. Weight Lbs.	A	B	C	D	E	F
14										\$9.50	\$1.30	31	24 $\frac{1}{8}$	24 $\frac{1}{8}$	20 $\frac{22}{24}$	15 $\frac{1}{4}$		
16										9.60	1.40	31	27 $\frac{5}{8}$	26 $\frac{1}{8}$	22 $\frac{24}{24}$	16		
18										9.70	1.60	32	27 $\frac{5}{8}$	30 $\frac{1}{8}$	24 $\frac{26}{24}$	16		
20										9.80	1.70	32	29 $\frac{5}{8}$	32 $\frac{1}{8}$	26 $\frac{28}{24}$	16		
24	\$10.00	\$2.00	36	35 $\frac{1}{4}$	36 $\frac{1}{8}$	30 $\frac{32}{24}$	17 $\frac{1}{2}$			10.00	1.80	36	33	36 $\frac{1}{8}$	30 $\frac{32}{24}$	17 $\frac{1}{2}$		
30	10.25	2.20	37	41	44 $\frac{1}{8}$	38 $\frac{40}{24}$	18 $\frac{1}{4}$			10.25	2.20	37	39 $\frac{3}{4}$	44 $\frac{1}{8}$	38 $\frac{40}{24}$	17 $\frac{1}{2}$		
36	10.50	2.40	39	46 $\frac{3}{4}$	50 $\frac{1}{8}$	44 $\frac{46}{24}$	18 $\frac{3}{4}$			10.50	2.40	39	46 $\frac{3}{4}$	50 $\frac{1}{8}$	44 $\frac{46}{24}$	18 $\frac{3}{4}$		
42	10.75	2.60	41	52 $\frac{5}{8}$	56 $\frac{1}{8}$	50 $\frac{52}{24}$	19 $\frac{3}{8}$			10.75	2.60	41	52 $\frac{5}{8}$	56 $\frac{1}{8}$	50 $\frac{52}{24}$	19 $\frac{3}{8}$		
48	11.00	3.00	42	59 $\frac{1}{4}$	62 $\frac{1}{8}$	56 $\frac{58}{24}$	19 $\frac{3}{8}$			11.00	3.00	42	58 $\frac{1}{8}$	62 $\frac{1}{8}$	56 $\frac{58}{24}$	20 $\frac{3}{8}$		

Deflecting Idlers



Jeffrey Deflecting Idlers are designed for gradually discharging loose dry material from belts over a long storage space, and can be used in connection with any form of belt carrier.



Dimensions—Prices on Application—State Quantity

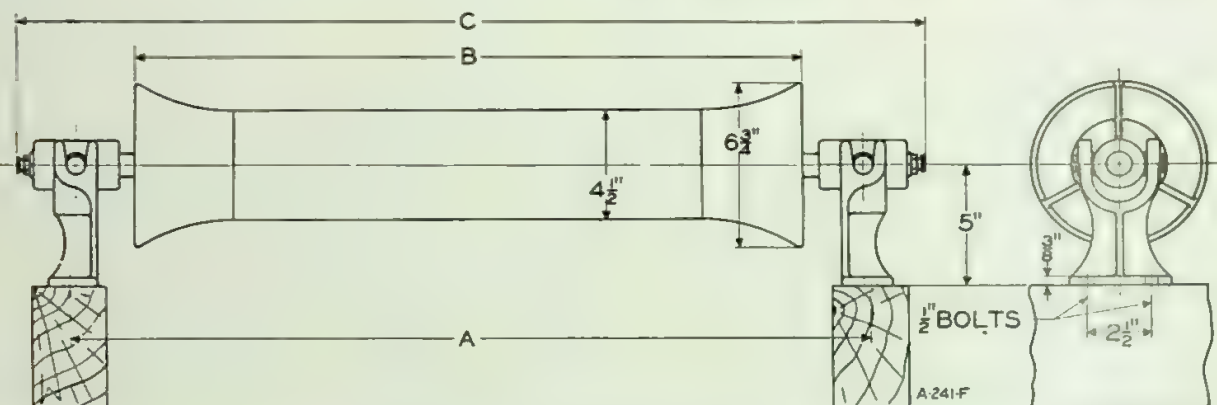
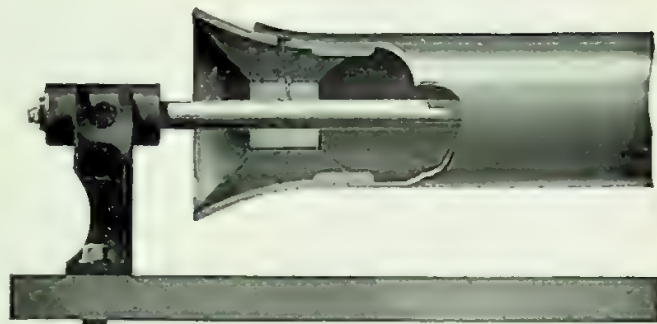
Width of Belt Inches	Approx. Weight Pounds	Dimensions—Inches								
		A	B	C	D	E	F	G	H	K
14	108	15 1/8	24	1 1/8	20	22 1/4	16	5 1/2	45°	20 1/8
16	120	16 5/8	26	1 1/8	22	24 1/4	20	5 1/2	45°	23 1/8
18	121	16 5/8	30	1 1/8	24	26 1/4	20	5 1/2	45°	23 3/8
20	137	18 3/4	32	1 1/8	26	28 1/4	24	6	45°	26 5/8
24	186	23 1/8	36	1 5/8	30	32 1/4	32	6	45°	33 5/8
30	188	23 1/8	44	1 5/8	38	40 1/4	32	6	45°	33 5/8

Jeffrey Belt Conveyors

Single Pulley Belt Carrier

THE Single Pulley Belt Carrier embodies in its design, the outstanding features of both the troughing and flat belt carriers, namely the increased capacity of a troughed belt and the two bearing feature of the flat belt. This means fewer parts to require attention and replace when worn.

The pulley consists of three parts. The center is a straight tube fixed rigidly to the gradually flaring cast ends, presenting a perfectly smooth surface to the belt. The shaft with the pulley set-screwed to it turns freely in babbitted self-aligning bearings provided with either the high pressure or regular grease cup lubrication.



List Prices and Dimensions, Inches

Width of Belt Inches	List Price Each	Approx. Weight Lbs.	A	B	C	Width of Belt Inches	List Price Each	Approx. Weight Lbs.	A	B	C
14	\$13.80	56	22 $\frac{1}{4}$	17	26 $\frac{1}{2}$	30	On Application	80	40 $\frac{1}{4}$	33	44 $\frac{1}{2}$
16	14.20	58	24 $\frac{1}{4}$	19	28 $\frac{1}{2}$	36		89	46 $\frac{1}{4}$	39	50 $\frac{1}{2}$
18	14.60	63	26 $\frac{1}{4}$	21	30 $\frac{1}{2}$	42		98	52 $\frac{1}{4}$	45	56 $\frac{1}{2}$
20	15.20	67	28 $\frac{1}{4}$	23	32 $\frac{1}{2}$	48		107	58 $\frac{1}{4}$	51	62 $\frac{1}{2}$
24	16.00	71	32 $\frac{1}{4}$	27	36 $\frac{1}{2}$						

High Pressure Lubrication System Used on Jeffrey Belt Carriers



Alemite Gun No. C-600 with Hose No. 1110 is used with Industrial Fittings as shown below:

The High Pressure Lubricating System makes lubrication positive and gives the assurance that grease is forced to all bearings. Pressure being applied from the inside tends to force out any grit or dirt that might collect about the ends of the bearings.

A light grease rather than oil is recommended for the lubrication of belt conveyors especially when rubber belt is used as the fluid oil cannot be so closely confined and is detrimental to rubber.

All Three and Five Pulley Carriers are packed with grease before leaving the factory.

A Grease Gun is furnished with each complete installation of a belt conveyor without extra charge.



No. A-1184—With $\frac{1}{8}$ " pipe thread on return idlers and end pulleys with outboard stands.



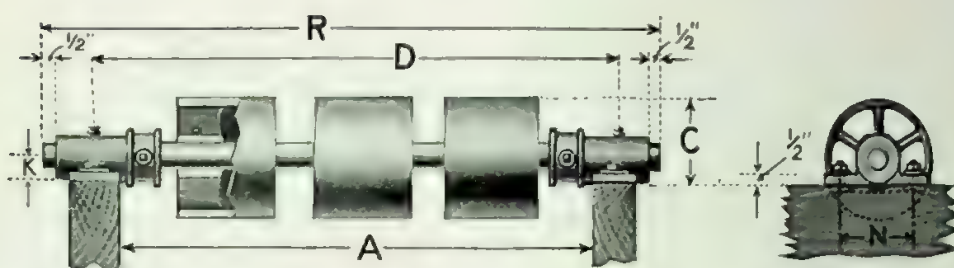
No. A-1186—With $\frac{1}{8}$ " pipe thread for end pulleys where no outboard stands are used.



No. C-69—With $\frac{1}{8}$ " pipe thread in center Pulley.

Jeffrey Belt Conveyors

Standard Carriers for Flat Belts

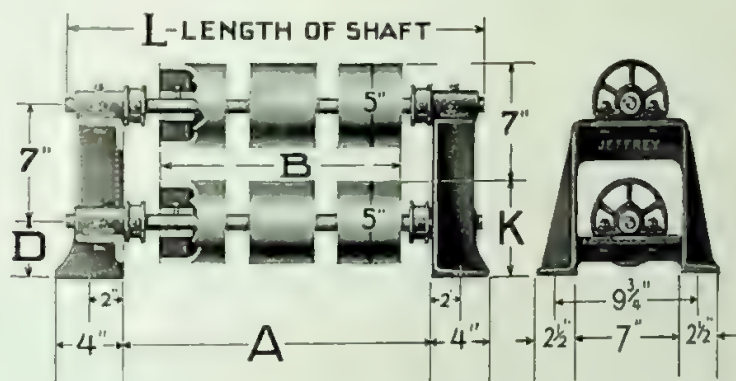


The above Carrier including bearings may be used for both Carrier and Return Idler service, by mounting same upon separate pairs of wood stringers placed above each other, or upon the top and bottom of one pair of stringers. See also "Combination" stands as illustrated below, where stringers are not used.

List Prices and Dimensions

Width of Belt Inches	List Price Each	Approx. Weight Lbs.	Pulleys*		Dimensions—Inches					
			Number	Face	A	C	D	K	N	R
14	\$ 9.00	24	3	4	20	3 3/8	22	7/8	3 1/8	26
16	9.10	25	3	4	22	3 3/8	24	7/8	3 1/8	28
18	10.60	30	4	4	24	3 3/8	26 1/2	7/8	3 1/8	30 1/2
20	10.70	31	4	4	26	3 3/8	28 1/2	7/8	3 1/8	32 1/2
24	13.00	46	4	5	30	3 3/8	32 1/2	1 1/8	4	37 1/2
30	15.00	53	5	5	38	3 3/8	40 1/2	1 1/8	4	45 1/2
36	15.20	55	5	5	44	3 3/8	46 1/2	1 1/8	4	51 1/2
42	17.00	64	6	5	50	3 3/8	52 1/2	1 1/8	4	57 1/2
48	17.20	66	6	5	56	3 3/8	58 1/2	1 1/8	4	63 1/2

Combination Carrying and Return Idlers with Stands for Flat Belts



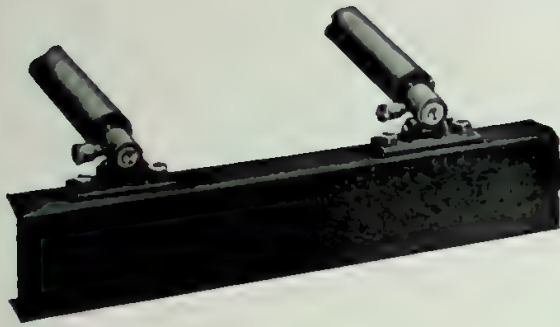
List Prices and Dimensions

Width of Belt In.	Price List		Approx. Weight Lbs. Complete	Pulleys*		Dimensions—Inches				
	Complete with Return Idler	List Price Without Return Idler		No.	Face	A	B	D	K	L
14	\$24.00	\$15.00	74	3	4	19 1/4	15	3 3/8	5 3/8	26
16	24.20	15.10	76	3	4	21 1/4	17	3 3/8	5 3/8	28
18	27.20	16.60	86	4	4	23 3/4	19	3 3/8	5 3/8	30 1/2
20	27.40	16.70	88	4	4	25 3/4	21	3 3/8	5 3/8	32 1/2
24	33.00	20.00	120	4	5	29 3/4	25	3 3/8	5 3/8	37 1/2
30	37.00	22.00	135	5	5	37 3/4	31	3 3/8	5 3/8	45 1/2
36	37.40	22.20	140	5	5	43 3/4	37	3 3/8	5 3/8	51 1/2
42	41.00	24.00	155	6	5	49 3/4	43	3 3/8	5 3/8	57 1/2
48	41.40	24.20	160	6	5	55 3/4	49	3 3/8	5 3/8	63 1/2

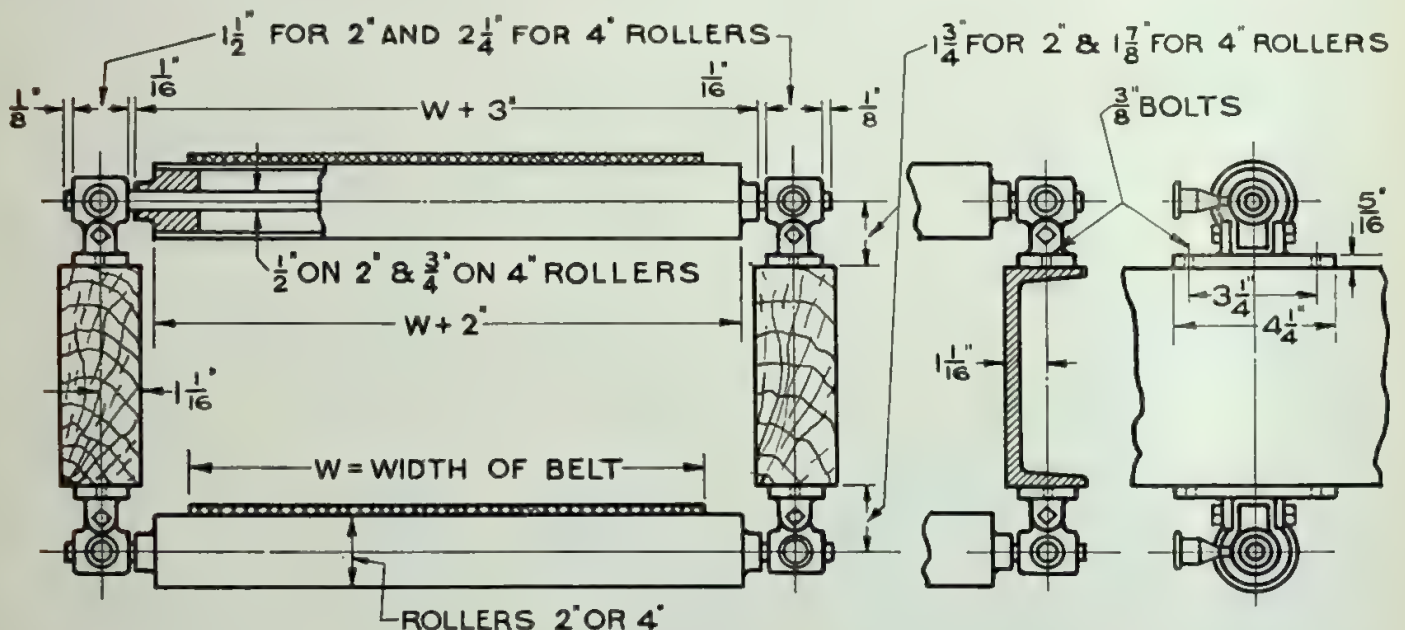
*Number and Face of Pulleys for either Carrying or Return Idlers.

Jeffrey Belt Conveyors

Swivel Bearing Flat Belt Carriers



This bearing has a freedom of action similar to that of a universal joint. It pivots vertically about the bolt through its base and also horizontally, by reason of the hole through its base being taper slotted.



A Rugged and Durable Carrier with its pivoted bearings fitted with babbitt so that but an occasional turn of the small grease cup insures an almost frictionless conveyor.

The one design of carrier is used for both the conveying and return belt, and may be mounted upon wood or steel stringers as shown in line drawing.

List Prices and Weights

2" Diameter Roller						4" Diameter Roller					
Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings	Width Belt	List Price Each	Approx. Wt. in Lbs. with Bearings
14"	\$7.50	9.3	20"	\$7.80	11.1	18"	\$10.20	20.7	36"	\$11.60	31.5
16"	7.60	9.9	24"	8.00	12.3	20"	10.40	21.9	42"	12.00	35.1
18"	7.70	10.5	30"	8.20	14.1	24"	10.80	24.3	48"	12.60	38.7
						30"	11.20	27.9			

Maximum Belt Speed for this type of Idler is 100 F. P. M.

Jeffrey Belt Conveyors

"Century" Conveyor Belt

Typical Cross-section of "Century" Conveyor Belt, 4-Ply 3/4" Cover



15646

THE "Century" Belt is made exclusively for us. The DUCK is of more than ordinary tensile strength longitudinally, and admits of great flexibility cross-wise thereby giving a close conformity to the troughing carriers and insuring maximum capacities.

The "FRICTION" or adhesive between the plies is a good substantial rubber compound of strong elastic tendrils, threads, which hold the plies together and keep their life under proper working conditions during the service of the belt.

The COVER is strong, tenacious, and resilient. It protects the body of the belt from the entrance of moisture; cushions ordinary impact without injury; and reduces wear from abrasion to a minimum where proper loading facilities are installed.

The EDGES will stay on until the belt is worn through. The top cover in one piece is carried around the edges and into the back cover, where its ends are connected into the belt structure. Our belts are properly stretched at the time of curing. This avoids any troublesome skew of the belt when put in service, and makes a belt which will run straight and stay straight.

Century Rubber Belts are adapted to the handling of any materials either wet or dry, which are not of a plastically sticky nature. Some semi-adhesive substances however may be handled where rotating brushes, especially designed for such service, are used. Materials hotter than 140 degrees—150 degrees F, (60 degrees, to 66 degrees C) will too rapidly deteriorate rubber belts, and therefore should be reduced in temperature by baffle chutes or other means leading into the loading chute, before touching the belt.

A Belt should conform to a troughing carrier by its own weight in order to get the guiding action of the central horizontal pulleys of the carrier. If too stiff the belt will ride the inclined sides of the troughing pulleys or run out of the trough over the edges of the pulleys, thereby injuring the edges of the belt. If too flexible the belt will crease lengthwise in the bends of the carrier trough and be weak at the edges.

Weight Per Lineal Foot of Belts—Price on Application

IPLY	Rubber Cover Top Side	Weight in Pounds per Lineal Foot of Belts of the Following Widths										Thick-ness
		12"	14"	16"	18"	20"	24"	30"	36"	42"	48"	
3	3/8"	1.27	1.48	1.69	1.90	2.11	2.53	3.16	3.79	4.42	5.05	3/8"
	1/2"	1.51	1.76	2.01	2.26	2.51	3.01	3.76	4.51	5.26	6.01	1/2"
	5/8"	1.99	2.32	2.65	2.98	3.31	3.97	4.96	5.95	6.94	7.93	5/8"
	3/4"	2.47	2.88	3.29	3.70	4.11	4.93	6.16	7.39	8.62	9.85	3/4"
4	3/8"	1.54	1.79	2.05	2.30	2.56	3.07	3.83	4.60	5.36	6.13	3/8"
	1/2"	1.78	2.07	2.37	2.66	2.96	3.55	4.43	5.32	6.20	7.09	1/2"
	5/8"	2.26	2.63	3.01	3.38	3.76	4.51	5.63	6.76	7.88	9.01	5/8"
	3/4"	2.74	3.19	3.65	4.10	4.56	5.47	6.83	8.20	9.56	10.93	3/4"
5	3/8"	1.80	2.10	2.40	2.70	3.00	3.60	4.50	5.40	6.30	7.20	3/8"
	1/2"	2.04	2.38	2.72	3.06	3.40	4.08	5.10	6.12	7.14	8.16	1/2"
	5/8"	2.52	2.94	3.36	3.78	4.20	5.04	6.30	7.56	8.82	10.08	5/8"
	3/4"	3.00	3.50	4.00	4.50	5.00	6.00	7.50	9.00	10.50	12.00	3/4"
6	3/8"	2.07	2.41	2.76	3.10	3.45	4.14	5.17	6.21	7.24	8.28	3/8"
	1/2"	2.31	2.69	3.08	3.46	3.85	4.62	5.77	6.93	8.08	9.24	1/2"
	5/8"	2.79	3.25	3.72	4.18	4.65	5.58	6.97	8.37	9.76	11.16	5/8"
	3/4"	3.27	3.81	4.36	4.90	5.45	6.54	8.17	9.81	11.44	13.08	3/4"
7	3/8"	2.33	2.72	3.11	3.50	3.89	4.67	5.84	7.01	8.18	9.35	3/8"
	1/2"	2.57	3.00	3.43	3.86	4.29	5.15	6.44	7.73	9.02	10.31	1/2"
	5/8"	3.05	3.56	4.07	4.58	5.09	6.11	7.64	9.17	10.70	12.23	5/8"
	3/4"	3.53	4.12	4.71	5.30	5.89	7.07	8.84	10.61	12.38	14.15	3/4"
8	3/8"	2.60	3.03	3.47	3.90	4.34	5.21	6.51	7.82	9.12	10.43	3/8"
	1/2"	2.84	3.31	3.79	4.26	4.74	5.69	7.11	8.54	9.96	11.39	1/2"
	5/8"	3.32	3.87	4.43	4.98	5.54	6.65	8.31	9.98	11.64	13.31	5/8"
	3/4"	3.80	4.43	5.07	5.70	6.34	7.61	9.51	11.42	13.32	15.23	3/4"

For Troughed Belts:—Between Heavy Zig Zag Lines, Standard Ply for Proper Flexibility.

For Flat Belts:—All belts below upper Zig Zag Lines are Standard for Proper Flexibility, but for very light service 3 ply may be used for 16" and 18" with 4 ply for 24" belts.

Belt Covers best adapted to Light and Heavy Service

Rubber Covers:—For grain, sugar, corn, clay, sawdust, shavings, etc., use "Regular Cover" (About 1/4 inches thick); For cement, small coal, dirt, sand, etc. 1/2" cover; and for cold clinker, ores, stone, large coal, etc. 3/8" cover. At purchaser's request 1/4" and 1/2" covers are furnished for very severe service.

Jeffrey Belt Conveyors

"Maxlife" Conveyor Belting

"MAXLIFE" Belting embodies all of the high class construction features of the "Century" brand, plus an extra quality of rubber, both in toughness and wearing qualities

for hard abrasive materials, and especially in such service where properly designed loading facilities cannot be completely attained or maintained with the "Century" brand.



1564b

This Belt while of par excellence for any material handled on a belt has its special or economical application in the Metal Mining Industry where the service is extremely hard and the tonnage large; in fact it was for that industry that "Maxlife" Belting was designed and built, after a most careful field analysis of all the elements entering into the handling of ores.

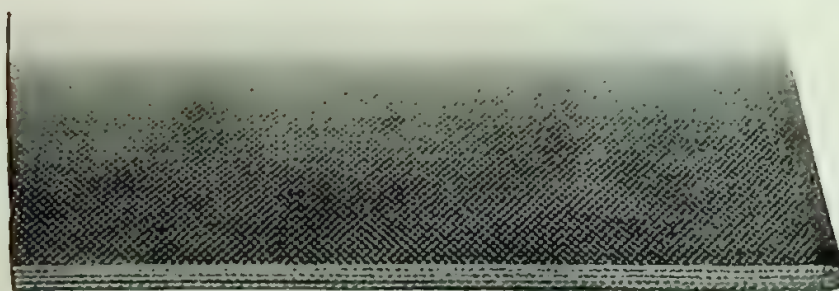
Price on Application

$\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " Cover						$\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " Cover						$\frac{1}{16}$ ", $\frac{1}{8}$ ", $\frac{3}{16}$ ", $\frac{1}{4}$ " Cover					
Width Inches	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply	Width Inches	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply	Width Inches	4 Ply	5 Ply	6 Ply	7 Ply	8 Ply
12	*					24	*	*	*			36		*	*	*	*
14	*					26	*	*	*			42		*	*	*	*
16	*	*				28	*	*	*			48		*	*	*	*
18	*	*				30	*	*	*			54		*	*	*	*
20	*	*	*			32		*	*	*	*	60		*	*	*	*
22	*	*	*			34		*	*	*	*						

Bold Face Type indicates Belt Widths for Standard Carriers. Thickness of Cover at head of column applies to carrying side only. Belts over 450 to 500 feet long are furnished in 2 lengths, with the shorter pieces not less than 100 feet long.

*Indicates the plys of belt which can be furnished.

Balata Conveyor Belting—Price on Application



15646-2

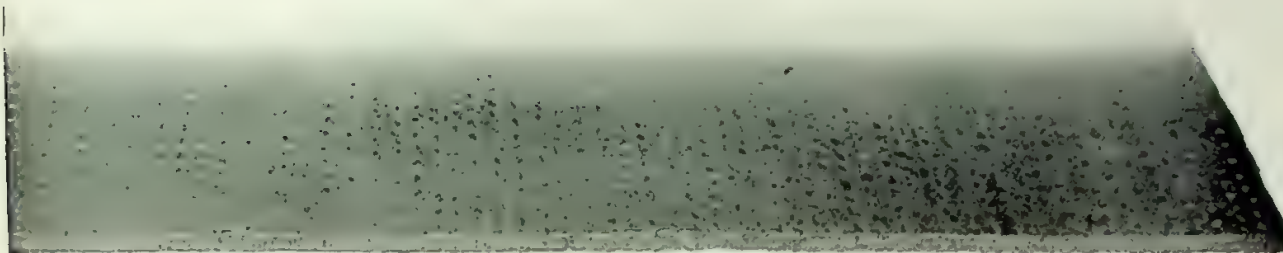
BALATA Belt is made of very heavy duck impregnated with pure Balata gum solution. It is waterproof, has great tensile strength and wearing qualities and is well adapted to the handling of wet or dry abrasive and gritty materials at temperatures not exceeding 120 degrees Fahrenheit. It

is run either troughed or flat and used extensively in the tile and sand and gravel industries.

Balata is a vegetable gum found in various parts of the Tropics and in nature is similar to India Rubber, but differs in that it has greater tensile strength, freedom from oxidation, and the fact it does not deteriorate with age. The Balata gum solution in a liquid form is applied under pressure to the fabric so that it penetrates every fibre of the fabric, thoroughly waterproofing it. The heavy duck used, reinforced by the Balata gum, eliminates undesirable stretch.

Jeffrey Belt Conveyors

Stitched Canvas Belting



15646-4

Jeffrey Stitched Canvas Belting is suited to the handling of non-abrasive and semi-gritty materials under dry or wet conditions, at temperatures not exceeding 212 degrees Fahrenheit.

A special width of high grade cotton duck is woven for each width and ply of belting, thus giving two selvage edges, thereby insuring true and even running on the carriers. Every belt is stitched lengthwise with heavy cotton twine in rows about one-quarter inch apart, each row being perfectly straight for the entire length of the belt. The complete belts are immersed and saturated in a compound which renders them impervious to the action of water, steam, oils and gases, but does not affect their flexibility.

List Price per Foot

Width of Belt Inches	Number of Plies					
	3	4	5	6	8	10
4	\$0.70	\$0.82	\$ 1.03	\$ 1.23		
5	.87	1.02	1.28	1.53		
6	1.04	1.22	1.53	1.83	\$ 2.44	\$ 3.06
7		1.43	1.79	2.15	2.86	3.58
8		1.54	1.93	2.31	3.08	3.86
9		1.73	2.16	2.60	3.46	4.32
10		1.92	2.40	2.88	3.84	4.80
12		2.30	2.88	3.45	4.60	5.76
14		2.69	3.36	4.04	5.38	6.72
16		3.08	3.86	4.62	6.16	7.72
18		3.46	4.32	5.20	6.92	8.64
20		3.84	4.80	5.76	7.68	9.60
22		4.22	5.28	6.34	8.44	10.56
24		4.60	5.76	6.90	9.20	11.52
26		5.01	6.26	7.50	10.00	12.52
28		5.38	6.72	8.08	10.76	13.44
30		5.76	7.20	8.64	11.52	14.40
36		6.91	8.64	10.40	13.84	17.28
42		8.07	10.09	12.10	16.12	20.16
48		9.21	11.51	13.80	18.40	23.04

Jeffrey Belt Conveyors

Cotton Conveyor Belting



IS646-3

Cotton Belting—The strength of this belt is equal to that of rubber or canvas, combined with exceptional flexibility; thus making it an excellent belt, for handling light non-abrasive materials or packages, etc., under dry conditions.

Cotton belting being solid woven, under a constant stress, the pull is distributed equally thru out all parts with no plies to separate.

List Price Per Foot

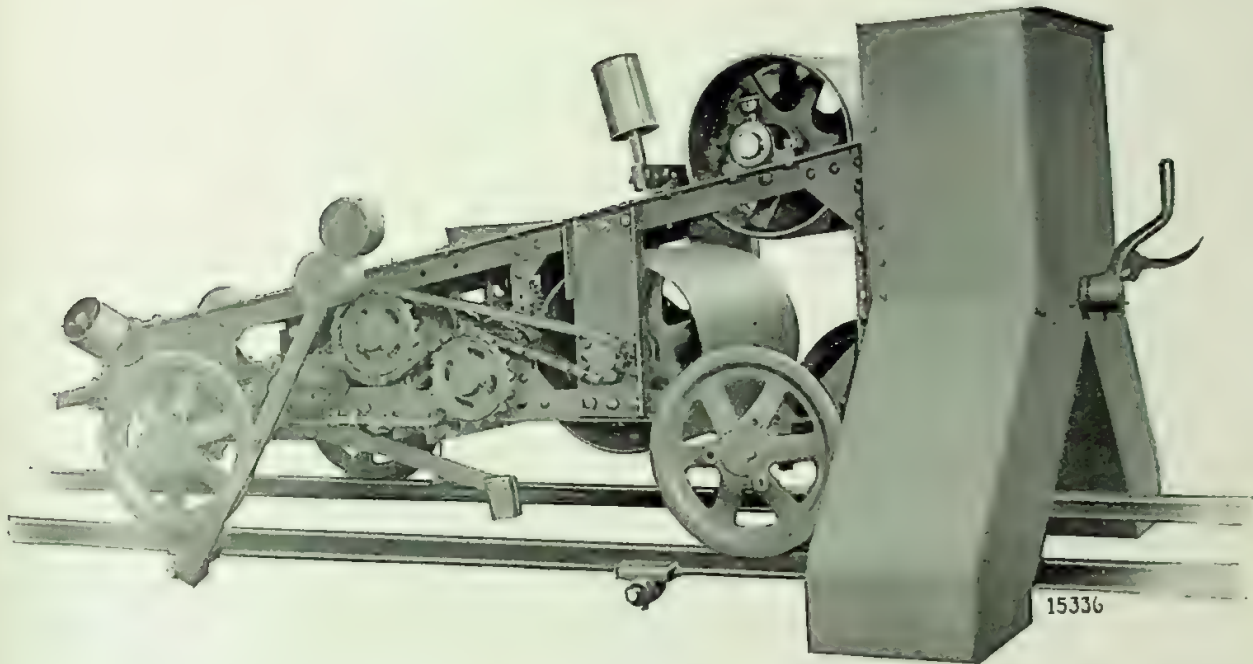
Width of Belt Inches	Number of Plies						
	2	3	4	5	6	8	10
4	\$0.23	\$0.32	\$0.43	\$0.56	\$0.67	\$0.90	
5	.28	.40	.53	.69	.84	1.15	
6	.33	.47	.63	.81	1.00	1.33	
7	.40	.58	.74	.96	1.20	1.60	
8	.44	.64	.84	1.08	1.35	1.80	
9	.55	.78	1.00	1.30	1.60	2.20	
10	.60	.85	1.10	1.45	1.75	2.50	\$3.15
12	.68	.97	1.27	1.70	2.06	2.90	3.65
14	.84	1.18	1.53	1.98	2.40	3.40	4.25
16	.96	1.35	1.75	2.25	2.70	3.90	4.90
18	1.08	1.53	1.98	2.52	3.05	4.35	5.45
20	1.20	1.70	2.20	2.85	3.40	4.90	6.15
24	1.40	2.00	2.64	3.40	4.10	6.00	7.50
30	1.80	2.65	3.45	4.40	5.40	7.50	9.40
36	2.15	3.20	4.30	5.50	6.65	9.00	11.25
42	2.65	3.80	5.00	6.50	7.75	11.00	13.75
48	3.00	4.30	5.70	7.40	8.85	13.00	16.25

Full Rolls are 400 to 500 Feet.

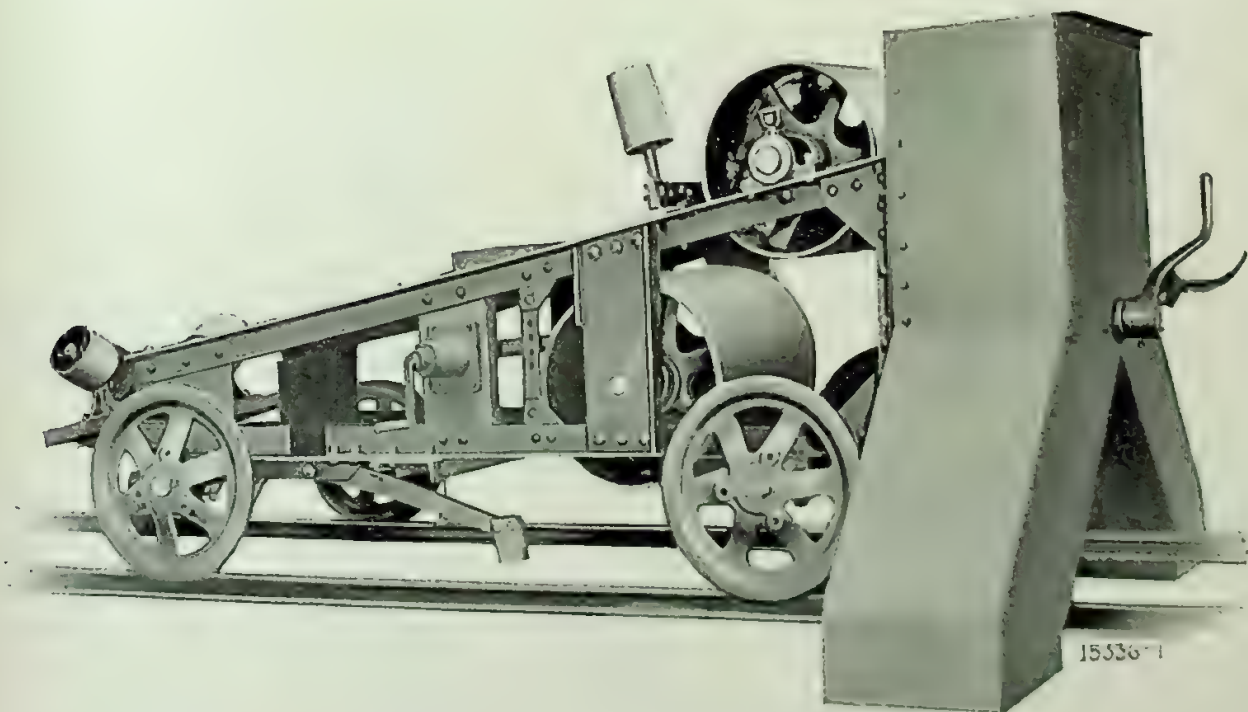
Lacing. For all ordinary belt conveyor installations a flexible metallic lacing with teeth which clinch around the warp or lengthwise threads of the belt and not around the filler threads, should be used such as the "Alligator" and other similar brands. In lacing a belt be sure to first make the belt ends square with the sides.

Jeffrey Belt Conveyors

Automatic Traveling Trippers (Pat. applied for)



Self-Propelled Automatic Reversing Type

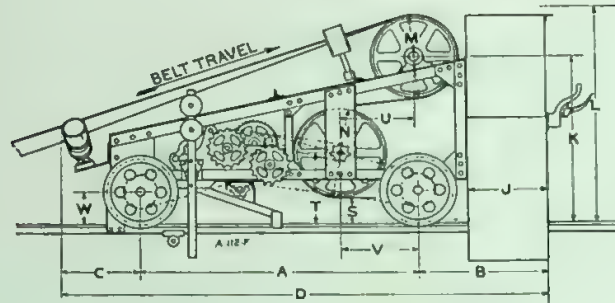
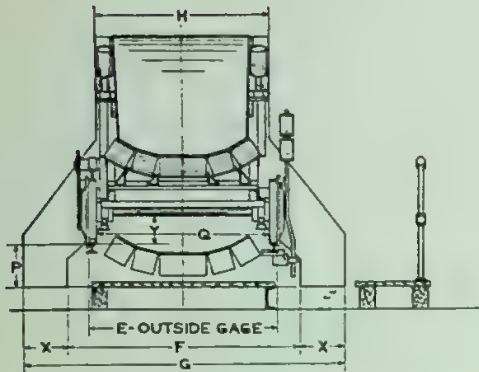


Hand-Propelled Belt Tripper

Jeffrey Belt Conveyors

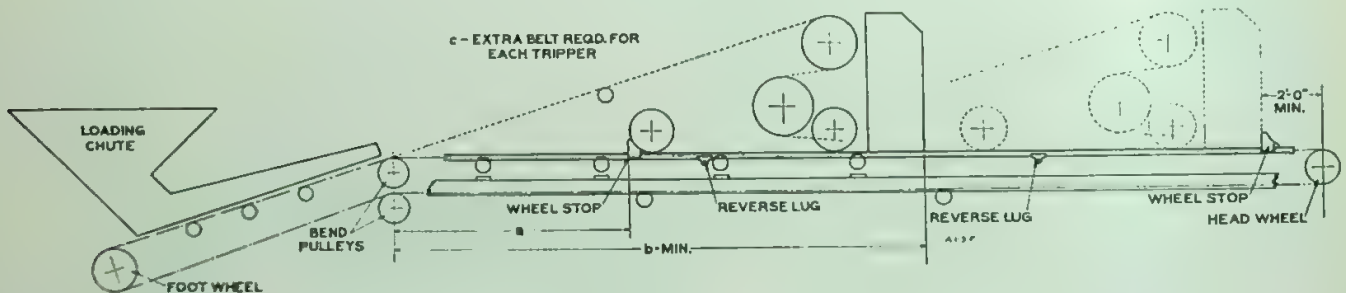
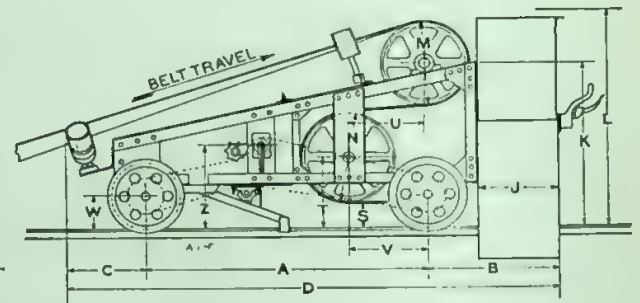
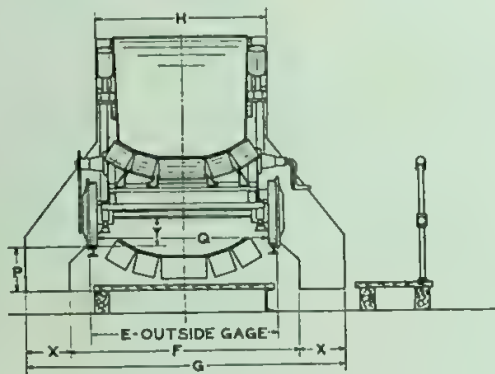
Automatic Traveling Trippers

**Self-Propelled
Auto-
matic
Reversing
Belt
Tripper**
(Right hand
shown)



**Hand-Propelled
Belt
Tripper**

(Right hand
shown)



General Arrangement of Belt Trippers

Dimensions of Hand and Self Propelled Belt Trippers

Width of Belt	A	B	C	D	E	F	G	H	J	K	L	M	N	P
18"	5'-5"	2'-2"	19"	9'- 2"	2'-8"	3'-7 5/8"	5'- 4 3/8"	2'- 3 1/2"	14"	3'-0"	4'- 0"	16"	18"	9 3/4"
24"	5'-7"	2'-4"	20"	9'- 7"	3'-2"	4'-1 5/8"	5'-11 3/8"	2'- 9 1/2"	16"	3'-2"	4'- 2 1/2"	18"	20"	9 3/4"
30"	5'-9 1/2"	2'-6"	20"	9'-11 1/2"	3'-8"	4'-7 5/8"	6'- 6 3/8"	3'- 4"	18"	3'-5"	4'- 6 3/4"	20"	22"	12 3/4"
36"	6'-1 1/4"	2'-9"	20 1/2"	10'- 6 3/4"	4'-2"	5'-1 5/8"	7'- 2 3/8"	3'-10"	20"	3'-8"	4'-10 1/2"	22"	24"	12 3/4"

Width of Belt	Q	S	T	U	V	W	X	Y	Z	a	b	c
18"	2'- 5"	7"	16 1/2"	17"	15 1/2"	9"	10 3/8"	7 1/2"	21 1/2"	7'-0"	15'- 6"	8'-0"
24"	2'-11"	7 1/4"	17 3/4"	17 1/4"	16 1/4"	9"	10 3/8"	7 1/2"	21 1/2"	7'-0"	15'-10"	8'-6"
30"	3'- 3"	7 1/2"	19"	17 3/4"	17 1/4"	9"	11 3/8"	7 1/2"	21 3/4"	7'-0"	16'- 3"	9'-0"
36"	3'- 9"	6 1/2"	19"	18 1/2"	20"	9"	12 3/8"	7 1/2"	21 3/4"	7'-0"	16'- 9"	10'-0"

Unless otherwise specified, trippers are furnished right hand as shown. A right hand tripper has the operating mechanism on the right hand side looking in the direction of belt travel.

Trippers can be fitted with cleaning brushes if so desired.

When ordering Belt Conveyor, specify extra belt as given by "c" in table.

Do not use Guide Idlers with either of the Trippers.

Add 3 to 4 inches to dimensions given above for proper clearance to any outside structure.

Support Tripper rails midway between troughing carriers with rail joints over such supports.

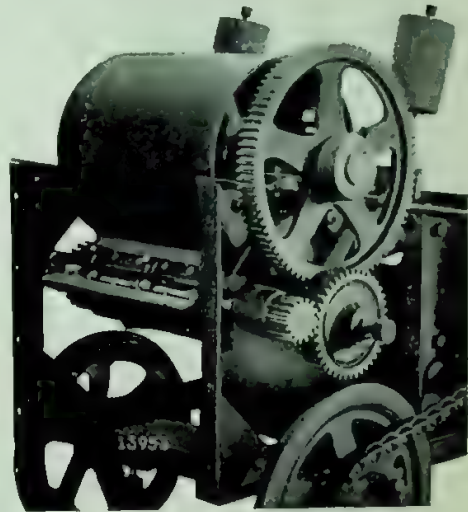
Jeffrey Belt Conveyors

Traveling Trippers

TRIPPERS must be used where it is necessary to discharge the load from the belt at intermediate points along the length of the conveyor. If the discharge is at one fixed point a Stationary Tripper may be used.

To discharge at a number of points along a conveyor, it was formerly customary to install a number of stationary trippers with a chute and a valve at each point so arranged that the material carried could be loaded back onto the belt and be carried to the next tripper. However, as the life of a belt is shortened in proportion to the number of loading points onto it, it readily can be seen that this method was far from being ideal. For such conditions we recommend one of the Travelling Trippers shown on the opposite page.

Jeffrey Belt Trippers are of rigid structural steel construction. They are made in two types, hand-propelled and self-propelled automatic reversing. The hand-propelled is used where it is desirous of discharging the load at various points from time to time. The self-propelled automatic reversing is used where a uniform distribution of the material from a given portion of the conveyor is desired. The self-propelled Tripper is equipped with self-contained drive jack propelling the tripper thru disc type friction clutches thus assuring an easy stopping and starting as the tripper reaches the end of its run. After starting it will move regularly back and forth without further attention. Chutes arranged for discharging forward onto belts can be furnished at extra charge but Brush Device cannot be supplied with this type of chute.



Brush Drive, with gear guard removed.

List Prices and Weights—Hand Propelled Trippers

Width of Belt Inches	*List Price Without Brush	Approx. Weight Lbs.	Add for Brush Device with Brush	
			List Price	Approx. Weight Lbs.
16	\$800.00	1950	\$200.00	390
18	800.00	1950	205.00	395
20	850.00	2250	210.00	400
24	875.00	2250	220.00	410
30	925.00	2650	236.00	465
36	1000.00	3250	252.00	475
42	1125.00	4100	270.00	535
48	1250.00	4800	290.00	545

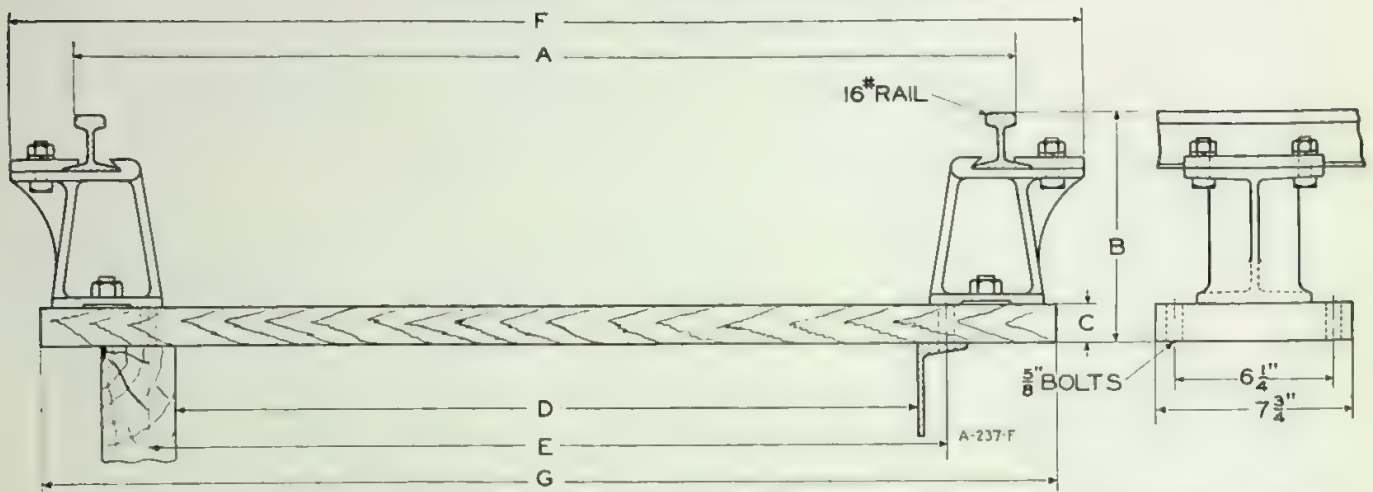
List Prices and Weights—Self-Propelled Automatic Reversing Trippers

Width of Belt Inches	*List Price Without Brush	Approx. Weight Lbs.	Add for Brush Device with Brush	
			List Price	Approx. Weight Lbs.
16	\$1100.00	2450	\$200.00	390
18	1100.00	2450	205.00	395
20	1150.00	2750	210.00	400
24	1180.00	2750	220.00	410
30	1230.00	3150	236.00	465
36	1320.00	3750	252.00	475
42	1450.00	4700	270.00	535
48	1600.00	5400	290.00	545

*Wheel Stops furnished at extra charge. Standard two-way discharge chutes with $\frac{1}{4}$ inch steel lining front and bottom included in price.

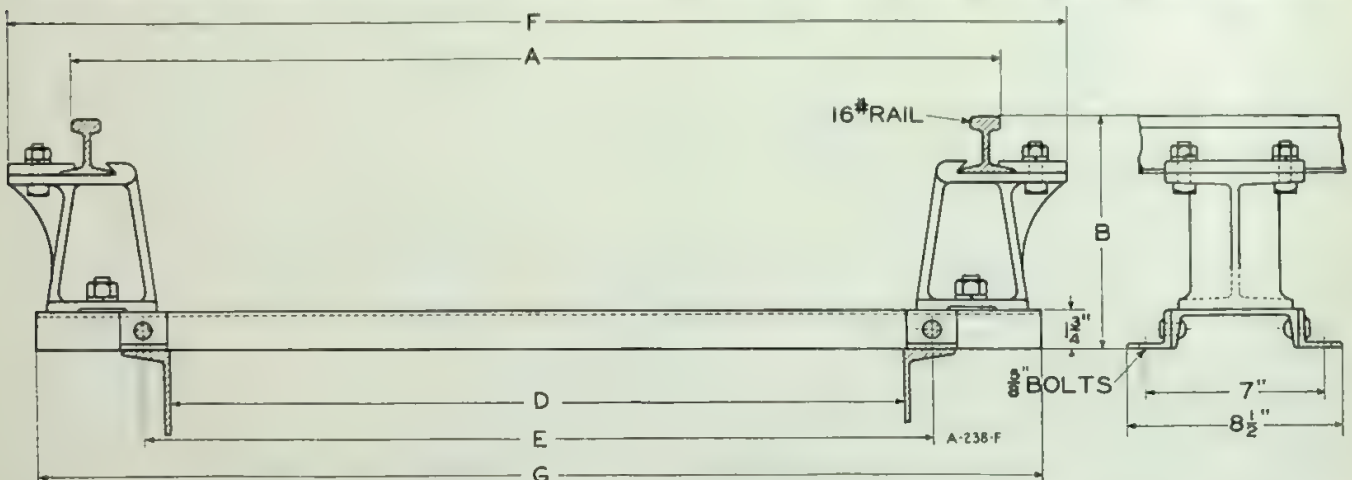
Jeffrey Belt Conveyors

Rail Brackets for Supporting Trippers



Mounted on Wooden Boards

Width of Belt Inches	List Price Per Pair Mounted on Board	List Price Per Pair Without Board	Pattern No. for Bracket	Approx. Weight Pounds	Dimensions—Inches						
					A	B	C	D	E	F	G
14	\$ 7.00	\$5.50	22791	28	29	7 1/4	1 1/8	20	22 1/4	34 1/4	32
16	7.00	5.50	22791	28 1/2	31	7 1/4	1 1/8	22	24 1/4	36 1/4	34
18	8.20	6.50	22792	36 1/2	32	9 1/4	1 1/8	24	26 1/4	37 1/4	35
20	8.40	6.50	22792	37	34	9 1/4	1 1/8	26	28 1/4	39 1/4	37
24	8.80	6.50	22792	41 1/2	38	9 3/4	1 5/8	30	32 1/4	43 1/4	41
30	10.00	7.50	29341	49 1/2	44	12 3/4	1 5/8	38	40 1/4	49 1/4	47
36	10.20	7.50	29341	51	50	12 3/4	1 5/8	44	46 1/4	55 1/4	53
42	10.40	7.50	29341	53	56	12 3/4	1 5/8	50	52 1/4	61 1/4	59
48	10.60	7.50	29341	54 1/2	62	12 3/4	1 5/8	56	58 1/4	67 1/4	65



Mounted on Steel Channels

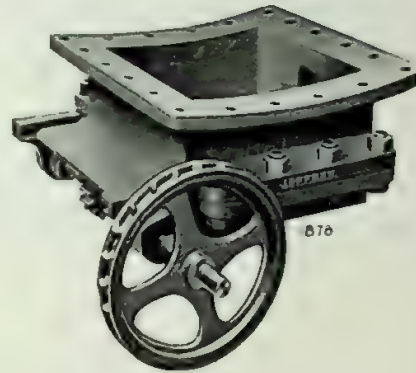
Width of Belt Inches	List Price Per Pair Mounted on Channel Base	List Price Per Pair Without Base	Pattern No. for Bracket	Nonimal Height Bracket Only In.	Approx. Weight Pounds	Dimensions—Inches					
						A	B	D	E	F	G
14	\$ 9.40	\$ 5.50	22791	3 3/4	41	29	7 7/8	20	22 1/4	34 1/4	31 1/2
16	9.40	5.50	22791	3 3/4	42	31	7 7/8	22	24 1/4	36 1/4	33 1/2
18	10.60	6.50	22792	5 3/4	50 1/2	32	9 7/8	24	26 1/4	37 1/4	34 1/2
20	10.80	6.50	22792	5 3/4	52	34	9 7/8	26	28 1/4	39 1/4	36 1/2
24	11.00	6.50	22792	5 3/4	54	38	9 7/8	30	32 1/4	43 1/4	40 1/2
30	12.30	7.50	29341	8 3/4	63 1/2	44	12 7/8	38	40 1/4	49 1/4	46 1/2
36	12.60	7.50	29341	8 3/4	67	50	12 7/8	44	46 1/4	55 1/4	52 1/2
42	13.00	7.50	29341	8 3/4	70 1/2	56	12 7/8	50	52 1/4	61 1/4	58 1/2
48	13.40	7.50	29341	8 3/4	73 1/2	62	12 7/8	56	58 1/4	67 1/4	64 1/2

* Price covers a pair of brackets with rail clips and bolts for same.
Bolts for attaching to Boards or Base not included in price.

Jeffrey Bin Valves

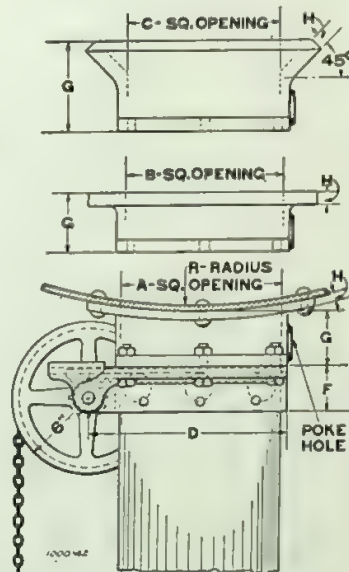
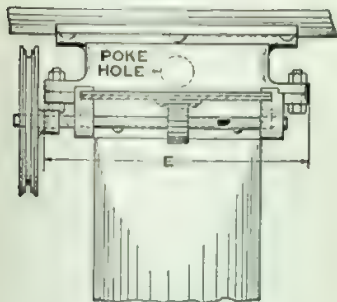
Rack and Pinion Type

RACK and Pinion Bin Valves are extensively used in connection with Dump Hoppers, Storage Bins, etc. They are rugged and substantial in every detail and by means of the great leverage secured through the hand or chain wheel in connection with the gear pinion and rack under the valve plate a large closing pressure may be readily secured.



Jeffrey Style B-3 Rack and Pinion Bin Valve

Valve Plate operates on rollers as shown in line drawing below.



Valves are furnished with 12" hand wheels or 12" pocket sheaves as ordered. The operating chain for pocket sheaves is extra, as given on page 117. Where the valve is to be operated at a distance, just sufficient chain may be secured to operate the valve, the free ends of the chain being connected to extension wires or ropes.

In practice it has been found that bolt holes in bin should be punched in field to match valves.

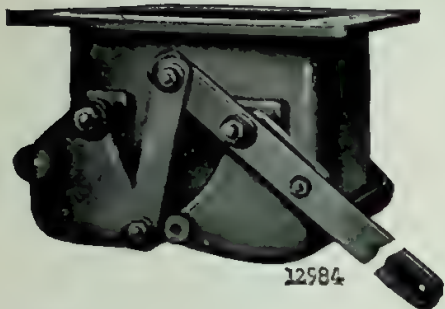
List Prices and Dimensions of Rack and Pinion Bin Valve

Style	Item No.	List Price* Valve Plate resting upon rollers	Approx. Weight Lbs.	Dimensions in inches									Pattern No. of Nozzle at Bin
				A	B	C	D	E	F	G	H	R	
Curved Flange Nozzle	† 1	\$ 96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	54	24361
	2	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	45	19883
	3	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	36	17602
	4	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	18	18320
	5	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	85	61468
	6	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	60	60419
	7	96.00	300	14	-----	-----	17 5/8	22 1/4	5	4 5/8	7/8	54 1/4	8140
	8	140.00	500	20	-----	-----	23 3/4	28 3/4	5	6	1 3/8	45	19217
Flat Flange Nozzle	9	96.00	300	-----	14	-----	17 5/8	22 1/4	5	4 5/8	7/8	-----	9477
	10	96.00	300	-----	14	-----	17 5/8	22 1/4	5	6 5/8	7/8	-----	19518
	11	140.00	500	-----	20	-----	23 3/4	28 3/4	5	7	1 3/8	-----	19557
45° Bevel Flange Nozzle	12	96.00	300	-----	-----	14	17 5/8	22 1/4	5	6 1/4	7/8	-----	18883

* In ordering give Style and Item Number. No Hand Chains included in Prices. See page 117.

† Operates at right angles to that shown above.

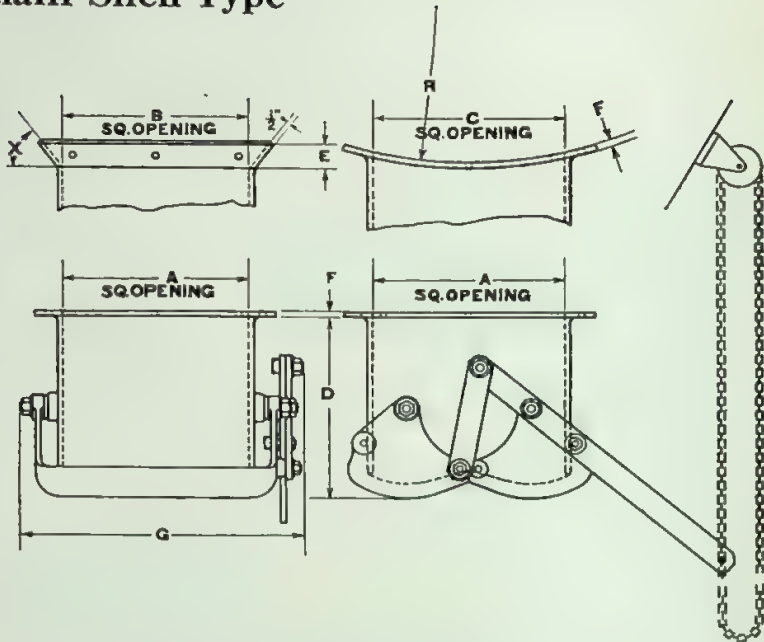
Jeffrey Bin Valves Clam Shell Type



Jeffrey Style B-1 Clam Shell Valve.
A quick operating valve for bottom discharge. Both jaws are operated by one lever.

In practice it has been found best that bolt holes in bin should be punched in field to match valves.

We can furnish 24" valves with steel body variable to 48" maximum width. Dimensions and Prices on Application.



List Prices and General Dimensions

Style of Top	Item No.	List Price with Operating Lever Without Hand Chain or Sheave	A	B	C	D	E	F	G	R	X	Approx. Weight Lbs.	Pattern No. of Body
Flat Flange	1	\$ 61.00	14"			12 $\frac{7}{8}$ "		$\frac{3}{4}$ "	2'- 0 $\frac{1}{2}$ "			310	64661
	2	82.00	16"			15 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 2 $\frac{5}{8}$ "			361	62100
	3	105.00	20"			19 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 7"			547	62087
	4	141.00	24"			22 $\frac{7}{8}$ "		$\frac{3}{4}$ "	2'-10 $\frac{1}{2}$ "			588	62351
Bevel Flange	5	61.00		14"		12 $\frac{7}{8}$ "	2 $\frac{1}{2}$ "		2'- 0 $\frac{1}{2}$ "		52°	290	64664
	6	82.00		16"		15 $\frac{3}{4}$ "	2 $\frac{1}{2}$ "		2'- 2 $\frac{5}{8}$ "		52°	345	62112
	7	105.00		20"		19 $\frac{3}{4}$ "	2 $\frac{1}{2}$ "		2'- 7"		52°	537	62355
	8	141.00		24"		22 $\frac{7}{8}$ "	2 $\frac{1}{2}$ "		2'-10 $\frac{1}{2}$ "		52°	577	62353
Curved Flange	9	61.00			14"	12 $\frac{7}{8}$ "		$\frac{3}{4}$ "	2'- 0 $\frac{1}{2}$ "	4'-0"		310	64666
	10	82.00			16"	15 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 2 $\frac{5}{8}$ "	4'-0"		380	62094
	11	84.00			16"	15 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 2 $\frac{5}{8}$ "	6'-0"		380	64758
	12	105.00			20"	19 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 7"	4'-0"		558	62354
	13	105.00			20"	15 $\frac{3}{4}$ "		$\frac{3}{4}$ "	2'- 7"	4'-3"		558	63432
	14	141.00			24"	22 $\frac{7}{8}$ "		$\frac{3}{4}$ "	2'-10 $\frac{1}{2}$ "	4'-0"		608	62352

In ordering give Style and Item Number.

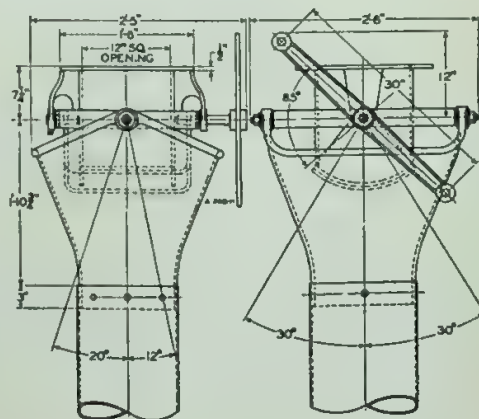
List Price of Cast Iron Bracket, Pattern 4112 with 8" diameter Sheave, Pat. 3695, \$13.00.

List Price of $\frac{3}{16}$ " Coil Chain for operating, \$0.20 per foot.

Undercut Valve with Spout Head

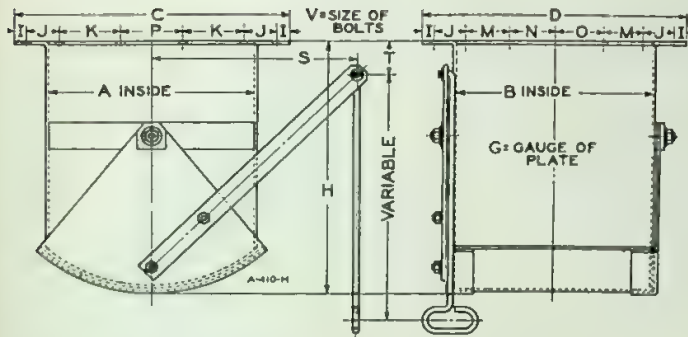


This heavy cast iron under cut bin valve is fitted with a universal-joint suspended cast iron spout head that can be swung in any direction. In this way one spout can be made to serve several stokers.



Jeffrey Bin Valves

Style B-2 Simplex Valve

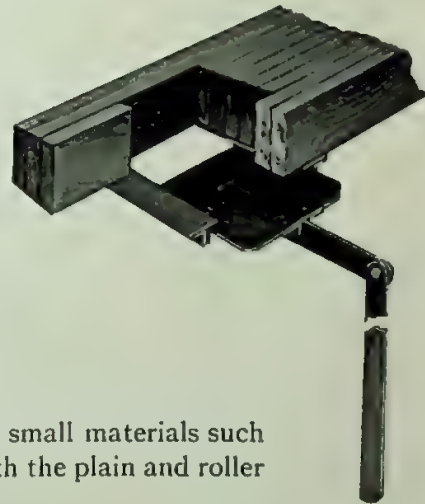
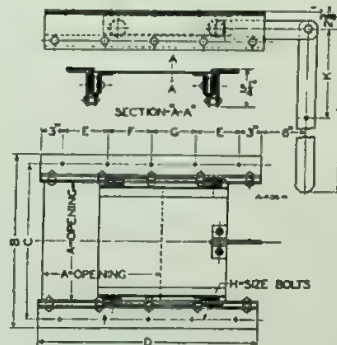
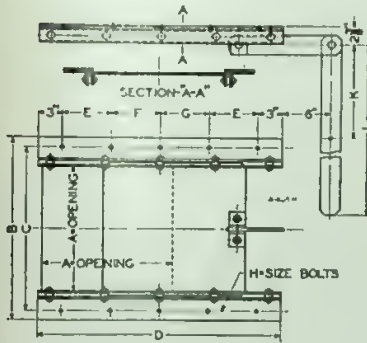


Jeffrey Style B-2 Simplex Valve, with single leaf for bottom discharge, gives economical and dependable service in the handling of crushed stone and similar materials.

Dimensions and Weights—Prices on Application

Size Valve		Approx. Weight Pounds	Dimensions—Inches													
A	B		C	D	G	H	I	J	K	M	N	O	P	S	T	V
8	8	36	12 $\frac{1}{2}$	12 $\frac{1}{2}$	No. 10	11 $\frac{1}{8}$	$\frac{3}{4}$	2 $\frac{1}{2}$	0	0	6	0	6	8	1 $\frac{1}{2}$	$\frac{1}{2}$
12	12	88	17 $\frac{1}{4}$	17 $\frac{1}{4}$	$\frac{3}{16}$	15 $\frac{1}{8}$	$\frac{7}{8}$	2 $\frac{5}{8}$	5 $\frac{1}{8}$	5 $\frac{1}{8}$	0	0	0	12	2 $\frac{3}{16}$	$\frac{5}{8}$
12	16	97	17 $\frac{1}{4}$	21 $\frac{1}{4}$	$\frac{1}{16}$	15 $\frac{1}{8}$	$\frac{7}{8}$	2 $\frac{5}{8}$	5 $\frac{1}{8}$	4 $\frac{3}{4}$	4 $\frac{3}{4}$	0	0	12	2 $\frac{3}{16}$	$\frac{5}{8}$
12	20	106	17 $\frac{1}{4}$	25 $\frac{1}{4}$	$\frac{1}{16}$	15 $\frac{1}{8}$	$\frac{7}{8}$	2 $\frac{5}{8}$	5 $\frac{1}{8}$	4 $\frac{5}{8}$	4 $\frac{1}{2}$	4 $\frac{1}{2}$	0	12	2 $\frac{3}{16}$	$\frac{5}{8}$
18	18	203	24 $\frac{1}{4}$	24 $\frac{1}{4}$	$\frac{1}{4}$	23 $\frac{5}{8}$	1 $\frac{1}{8}$	3 $\frac{1}{8}$	5 $\frac{1}{4}$	5 $\frac{1}{4}$	5 $\frac{1}{4}$	0	5 $\frac{1}{4}$	18	3 $\frac{1}{8}$	$\frac{3}{4}$
18	24	231	24 $\frac{1}{4}$	30 $\frac{1}{4}$	$\frac{1}{4}$	23 $\frac{5}{8}$	1 $\frac{1}{8}$	3 $\frac{1}{8}$	5 $\frac{1}{4}$	5 $\frac{1}{2}$	5 $\frac{3}{8}$	5 $\frac{3}{8}$	5 $\frac{1}{4}$	18	3 $\frac{1}{8}$	$\frac{3}{4}$

Style B-4 Slide Valve



Style B-4 Plain Slide Valve

Style B-4 Roller Slide Valve

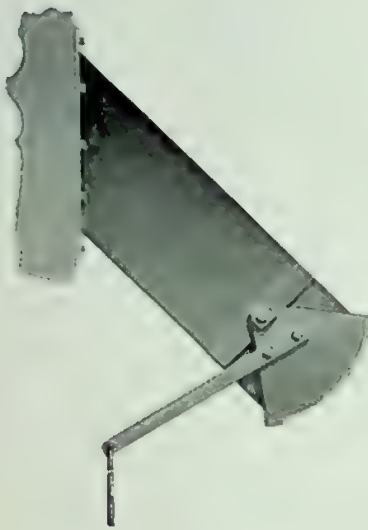
Jeffrey Style B-4 Horizontal Sliding Bin Gate for handling small materials such as sand, gravel and crushed stone. These valves are made in both the plain and roller construction.

Dimensions and Weights—Prices on Application

Size Valve	Approx. Weight Pounds	Dimensions—Inches									
		A	B	C	D	E	F	G	H	K	L
Plain Slide Valves											
12 x 12	67	12	20	17	22	8	0	0	$\frac{1}{2}$	$9\frac{1}{2}$	38
16 x 16	95	16	24	21	30	8	8	0	$\frac{5}{8}$	12	48
20 x 20	119	20	28	25	38	8	8	8	$\frac{5}{8}$	$14\frac{1}{2}$	58
24 x 24	150	24	32	29	46	10	10	10	$\frac{3}{4}$	17	68
Roller Slide Valves											
12 x 12	110	12	20	$17\frac{1}{2}$	$25\frac{1}{4}$	$9\frac{5}{8}$	0	0	$\frac{1}{2}$	$9\frac{1}{2}$	38
16 x 16	144	16	24	$21\frac{1}{2}$	$33\frac{1}{4}$	9	$9\frac{1}{4}$	0	$\frac{5}{8}$	12	48
20 x 20	185	20	28	$25\frac{1}{2}$	$41\frac{1}{4}$	$8\frac{3}{4}$	$8\frac{7}{8}$	$8\frac{7}{8}$	$\frac{5}{8}$	$14\frac{1}{2}$	58
24 x 24	223	24	32	$29\frac{1}{2}$	$49\frac{1}{4}$	$10\frac{1}{8}$	$10\frac{1}{8}$	$10\frac{1}{8}$	$\frac{3}{4}$	17	68

Jeffrey Bin Valves

Styles S-2 and S-3

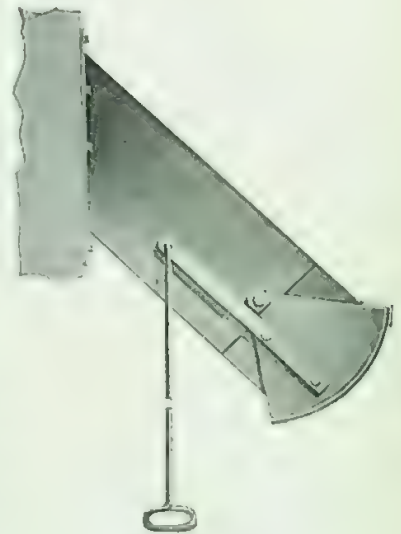


Style S-2

The Jeffrey Style S-2 Side Discharge Valve with undercut gate, is opened by pushing the rod up and closed by pulling the rod down. This type can be furnished either plain or with counterweight.

A hinged extension chute also can be provided in lengths to suit requirements but 3'-0" is our standard length.

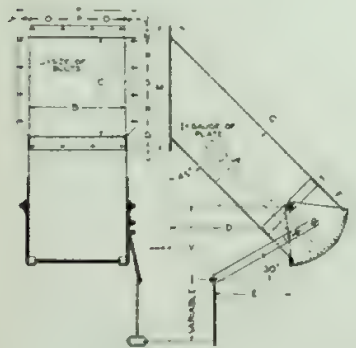
The Style S-3 Valve opens by pulling the lever down and lifting the valve plate. The weight of the plate closes the valve when the lever is released.



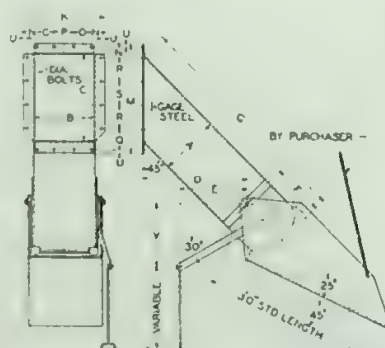
Style S-3

Weights—Prices on Application

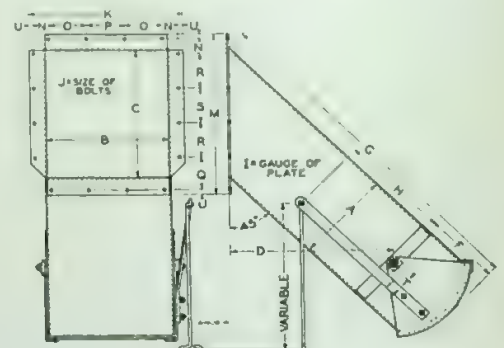
Size Valve	Approx. Weight—Pounds			
	Style S-2 Plain	Style S-2 Counter-Weighted	Style S-2-a Extension	Style S-3
8 x 8	62	70	54	66
12 x 12	145	167	72	145
12 x 16	163	187	78	163
12 x 20	186	211	90	186
18 x 18	396	442	144	397
18 x 24	454	504	162	455
24 x 24	690	762	180	693



Style S-2 Valve



Style S-2 a Hinged Extension Chute for Style S-2 Valve

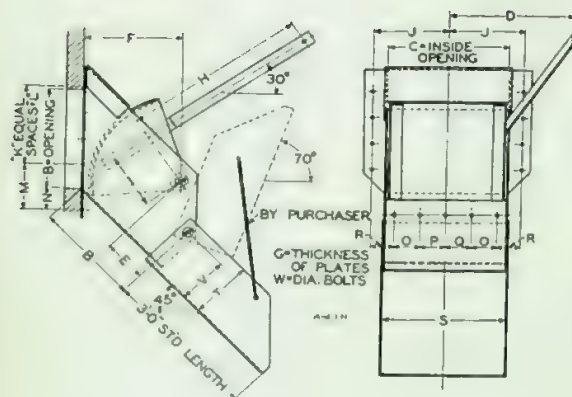


Style S-3 Valve

Size Valve		Dimensions—Inches																		
A	B	C	D	E	F	G	H	I	J	K	M	N	O	P	Q	R	S	T	U	V
8	8	11 ³ / ₁₆	13 ¹ / ₂	8 ³ / ₄	6 ¹ / ₁₆	29 ¹ / ₁₆	11 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹ / ₂	13 ¹ / ₂	17 ¹ / ₁₆	2 ³ / ₄	0	6 ¹ / ₂	5 ¹ / ₂	0	7 ⁵ / ₁₆	1 ¹ / ₂	3 ⁴ / ₁₆	8 ¹ / ₁₆
12	12	17	20 ¹ / ₂	12 ¹ / ₁₆	10 ³ / ₁₆	45 ¹ / ₈	16 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹ / ₂	17 ¹ / ₂	23	2 ³ / ₄	5 ¹ / ₄	0	6	6 ³ / ₈	0	2 ¹ / ₄	3 ⁴ / ₁₆	12 ³ / ₁₆
12	16	17	20 ¹ / ₂	12 ¹ / ₁₆	10 ³ / ₁₆	45 ¹ / ₈	16 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹ / ₂	21 ¹ / ₂	23	2 ³ / ₄	7 ¹ / ₄	0	6	6 ³ / ₈	0	2 ¹ / ₄	3 ⁴ / ₁₆	12 ³ / ₁₆
12	20	17	20 ¹ / ₂	12 ¹ / ₁₆	10 ³ / ₁₆	45 ¹ / ₈	16 ¹ / ₁₆	3 ¹ / ₁₆	1 ¹ / ₂	25 ¹ / ₂	23	2 ³ / ₄	9 ¹ / ₄	0	6	6 ³ / ₈	0	2 ¹ / ₄	3 ⁴ / ₁₆	12 ³ / ₁₆
18	18	25 ⁷ / ₁₆	30 ³ / ₄	19 ³ / ₄	14 ³ / ₄	67 ¹ / ₈	25 ³ / ₈	1 ¹ / ₄	5 ⁵ / ₈	24	31 ¹ / ₁₆	3	8 ¹ / ₈	0	6 ⁷ / ₁₆	6 ⁷ / ₈	7	3 ¹ / ₂	7 ⁸ / ₁₆	18 ¹ / ₂
18	24	25 ⁷ / ₁₆	30 ³ / ₄	19 ³ / ₄	14 ³ / ₄	67 ¹ / ₈	25 ³ / ₈	1 ¹ / ₄	5 ⁵ / ₈	30	31 ¹ / ₁₆	3	7 ³ / ₈	7 ¹ / ₂	6 ⁷ / ₁₆	6 ⁷ / ₈	7	3 ¹ / ₂	7 ⁸ / ₁₆	18 ¹ / ₂
24	24	33 ¹ / ₁₆	41	26 ⁷ / ₈	19 ¹ / ₂	89 ³ / ₈	35 ¹ / ₄	1 ¹ / ₄	3 ⁴ / ₈	31	41 ¹ / ₁₆	3 ¹ / ₂	7 ³ / ₈	7 ¹ / ₄	7 ⁷ / ₁₆	9 ¹ / ₂	9 ¹ / ₂	4 ¹ / ₂	1	23 ³ / ₈

Jeffrey Bin Valves

Style S-1 Side Valve

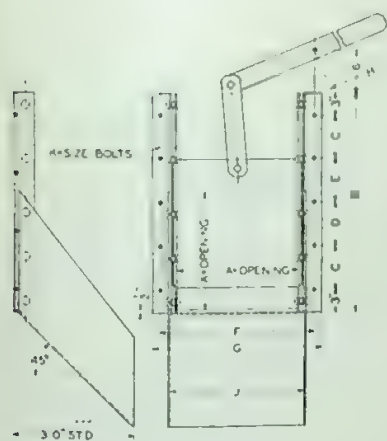


Jeffrey Style S-1 Side Discharge Bin Gates, for loading railroad cars and trucks, are built to withstand hard service. They operate easily and permit an accurate control of the flow of material. The standard hinged chute is 3'-0" long, although other lengths can be furnished.



Dimensions and Weights—Prices on Application

Size Valve		With 3'-0" Extension	Dimensions—Inches																			
			Approx. Weight Pounds	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	V	W
B	C																					
8	8	75	9 ⁵ / ₈	3 ¹ / ₄	7 ¹ / ₄	3 ¹ / ₈	16	4 ¹ / ₈	5 ¹¹ / ₁₆	1	6	4 ¹ / ₂	2 ¹ / ₄	0	6	0	2 ¹¹ / ₁₆	8 ⁵ / ₈	4 ⁵ / ₈	3 ³ / ₄	1 ¹ / ₂	
12	12	130	11 ¹ / ₂	5	11	3 ¹ / ₈	21	6 ¹ / ₂	7 ¹¹ / ₁₆	2	9 ¹ / ₂	5 ¹ / ₂	2 ¹ / ₂	5	0	0	2 ¹¹ / ₁₆	12 ⁵ / ₈	7	5 ⁵ / ₈	5 ⁵ / ₈	
12	16	145	13 ¹ / ₈	5	11	3 ¹ / ₈	21	6 ¹ / ₂	9 ¹¹ / ₁₆	2	9 ¹ / ₂	5 ¹ / ₂	2 ¹ / ₂	5	5	0	2 ¹¹ / ₁₆	16 ⁵ / ₈	7	5 ⁵ / ₈	5 ⁵ / ₈	
12	20	162	15 ¹ / ₈	5	11	3 ¹ / ₈	21	6 ¹ / ₂	11 ¹¹ / ₁₆	2	9 ¹ / ₂	5 ¹ / ₂	2 ¹ / ₂	4 ¹ / ₂	4 ¹ / ₂	4 ¹ / ₂	3 ¹ / ₈	20 ⁵ / ₈	7	5 ⁵ / ₈	5 ⁵ / ₈	
18	18	311	17 ¹ / ₈	7 ¹ / ₂	16 ¹ / ₂	1 ¹ / ₄	32	9 ¹ / ₈	10 ³ / ₄	2	15	7 ¹ / ₂	3 ³ / ₄	7	0	0	3 ³ / ₄	19	10 ¹ / ₂	8 ³ / ₈	3 ³ / ₄	
18	24	350	20 ¹ / ₁₆	7 ¹ / ₂	16 ¹ / ₂	1 ¹ / ₄	32	9 ¹ / ₈	13 ³ / ₄	2	15	7 ¹ / ₂	3 ³ / ₄	5 ¹ / ₂	5 ¹ / ₂	5 ¹ / ₂	2 ³ / ₄	25	10 ¹ / ₂	8 ³ / ₈	3 ³ / ₄	
24	24	477	23	10	22	1 ¹ / ₄	42	12 ¹ / ₄	13 ³ / ₄	3	22 ¹ / ₂	7 ¹ / ₂	4	5 ¹ / ₂	5 ¹ / ₂	5 ¹ / ₂	2 ³ / ₄	25	14	11 ¹ / ₄	3 ³ / ₄	
24	30	524	26	10	22	1 ¹ / ₄	42	12 ¹ / ₄	16 ³ / ₄	3	22 ¹ / ₂	7 ¹ / ₂	4	7	7	7	2 ³ / ₄	31	14	11 ¹ / ₄	3 ³ / ₄	



Style S-5 Lever Operated Bin Gate with Chute

Jeffrey Style S-5 Vertical Lever Operated Bin Gates are furnished with chutes having a 3'-0" standard extension. Other lengths of chutes can be furnished at additional cost.



Dimensions and Weights—Prices on Application

Size Valve	With 3'-0" Extension	Dimensions—Inches									
	Approx. Weight Pounds	A	B	C	D	E	F	G	H	J	K
12 x 12	143	12	22	8	0	0	16½	18½	28½	14	½
16 x 16	197	16	30	8	8	0	20½	22½	36	18	5⁄8
20 x 20	243	20	38	8	8	8	24½	26½	43½	22	5⁄8
24 x 24	300	24	46	10	10	10	28½	30½	51	26	¾

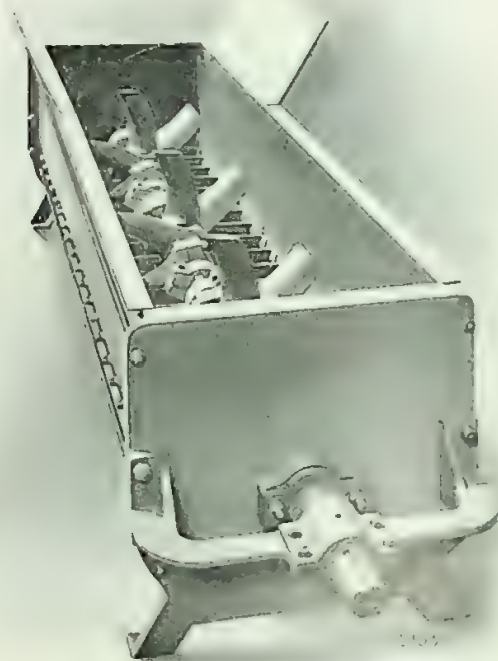
Jeffrey Mortar Mixing Equipment

Pug Mill



A Battery of Pug Mills in a Modern Mortar Mixing Plant

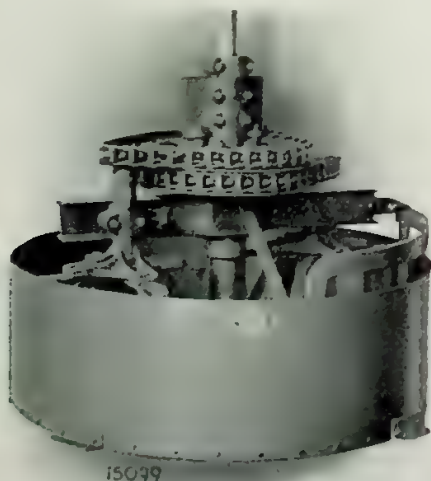
THE Jeffrey Pug Mill is a highly efficient machine for the mixing of mortar in centralized mortar mixing plants. It will mix 4000 pounds of mortar in five minutes, or with the delays consequent to loading and unloading, it has a capacity of approximately 100 tons of mixed mortar per day. Weight of machine as shown at right is about 2400 pounds. Full particulars upon request.



The above view shows the sturdy construction of the Jeffrey Pug Mill, with its heavy cast iron mixing paddles.

Lime Slacker

The Jeffrey Lime Slacker has proven a remarkable machine for the slacking of lime. The vertical revolving fingers, which are driven by the chains from the vertical shaft give a most efficient stirring motion. Ten to fifteen bushels of lime can be slacked in from 8 to 10 minutes.



These two views show the Jeffrey Lime Slacker and a typical installation.

Jeffrey Foundry Equipment

Sand Conditioner

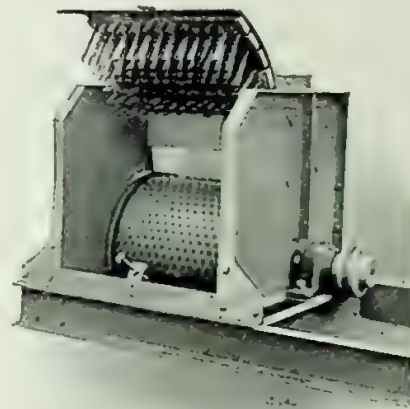


Above is shown a typical installation of the Sand-Conditioner for disintegrating lumps and aerating sand following a mixing and tempering machine. In this installation the Sand-Conditioner is supported on the casing of an elevator which acts as a feeder.

Complete Information Upon Request

Prepares the Sand for the production of Cleaner and Finer Castings.

THE Jeffrey Sand-Conditioner has a two-fold application to the foundry. Its chief use is for the disintegration and aeration of tempered foundry sand. Its other use is for cutting up shake-out sand and new sand before delivery to a mixer. By reducing the lumps of dry sand in the shake-out and by cutting up the lumps of new sand ahead of the mixing process, the efficiency of the mixer is increased both as to quality of work and capacity.



(Patented)

The Jeffrey Sand Conditioner unit may be arranged for either belt drive or for direct connection through a flexible coupling to an electric motor. It is built in sizes to suit any ordinary capacities.

Reciprocating Conveyor

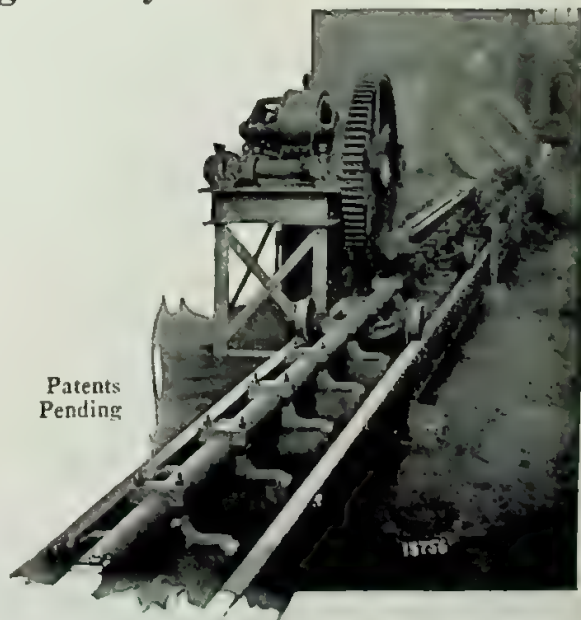
Conveys—Mixes—Cools—Tempers

The Jeffrey Reciprocating Conveyor can be used in any foundry where there is need of conveying foundry sand from place to place. It can be used as:

- A shake-out sand conveyor
- A sand tempering machine
- A sand cooling machine
- A sand distributor to storage hoppers
- A feeder to and from elevators, aerators or hoppers.

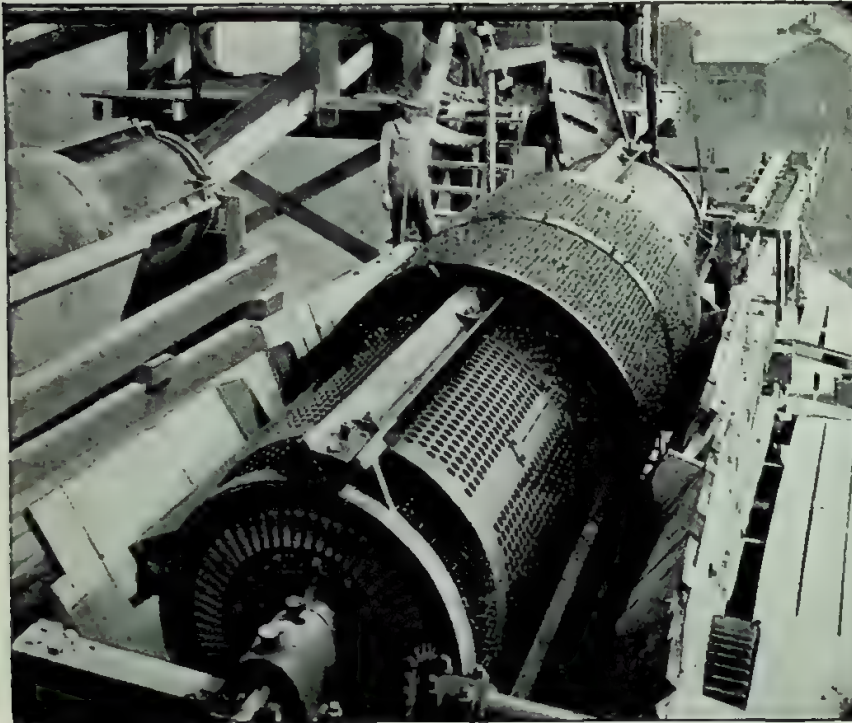
Full particulars on request.

Patents
Pending



Jeffrey Revolving Screens

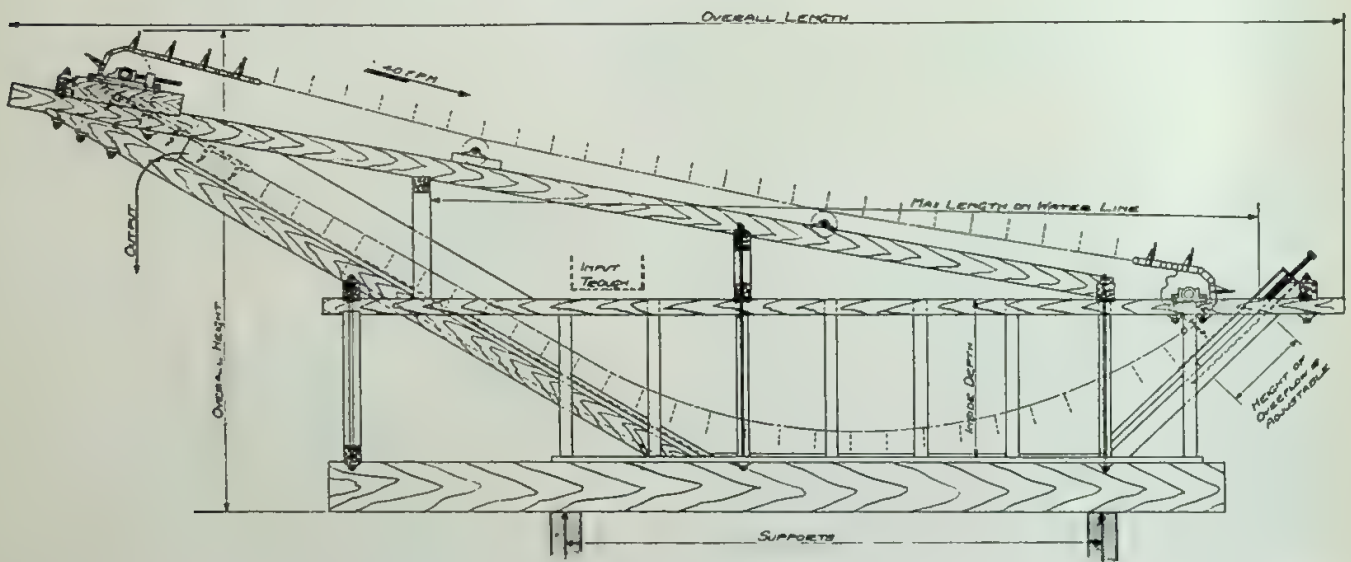
For Washing and Separating



HERE are some features of Jeffrey Revolving Screens that insure efficient washing and separating: Large scrubbing sections with high pressure spray pipes entering screen at both ends; easily changed screen plates; separate renewable drive parts; large trunnion rollers and bearings; substantial end castings; lower end bearing adjustment and mounted integral with countershaft.

Jeffrey Revolving Screens are built in the following sizes: 36, 42, 48 and 60 inch diameter in the type shown at left.

Jeffrey Sand Settling Tanks



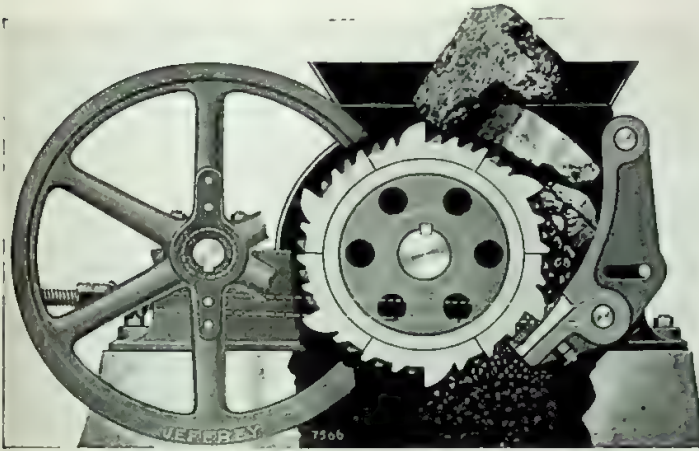
JEFFREY Sand Settling Tanks will de-water from 24 to 48 tons of sand into your bins every hour. The iron scrapers recover the sand from the water while the dirt goes out with the water through the overflow.

The Jeffrey Special No. 111 Hercules Chain used on this sandwasher is built for this particular job. Working in wet sand cuts out ordinary chains quicker than almost any other material handled by conveyors, but the

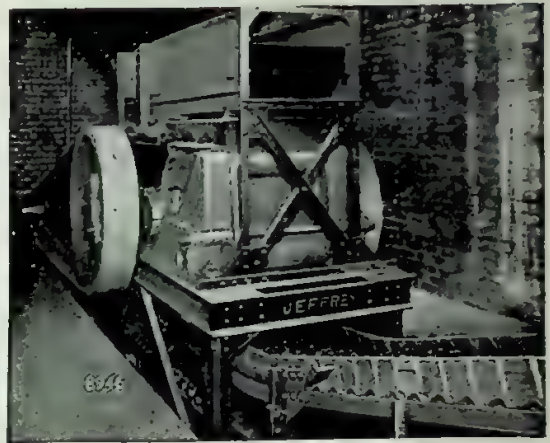
manganese steel block links of the Special Hercules No. 111 Chain resist this cutting action.

Construction drawing and complete bill of material furnished for wooden tanks of the five standard capacities, 24, 30, 36, 42 and 48 tons per hour. Steel Tanks are furnished complete, for these capacities, being made in our structural steel plant.

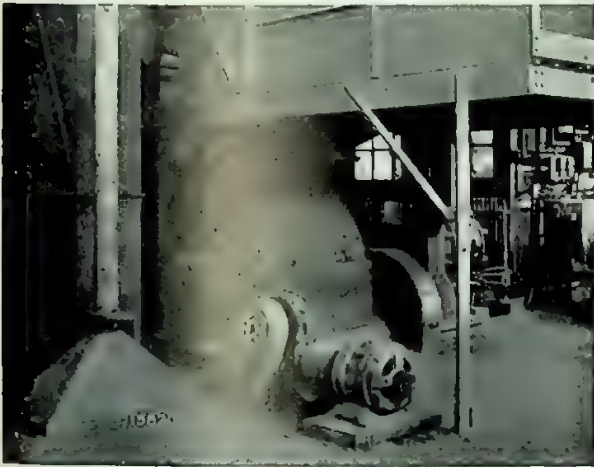
Jeffrey Pulverizers, Crushers and Shredders



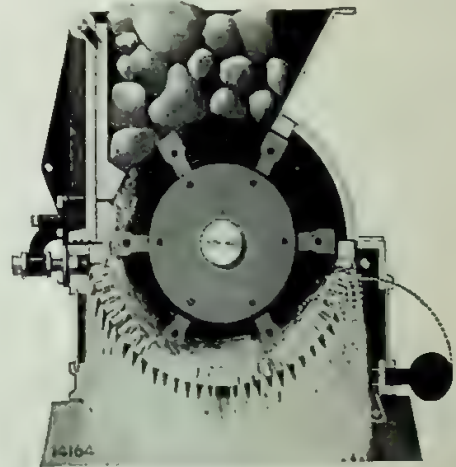
(Patented)



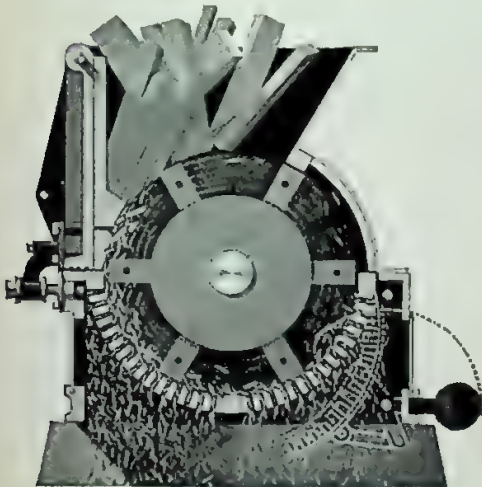
Jeffrey Single Roll Crusher reduces lump coal to stoker size in a single operation. In boiler plants the Crusher is usually installed to receive coal for crushing direct from track hopper. Write for Catalog 359A.



Patents
issued and
pending



The Jeffrey Pulverizer is a general purpose machine suitable for the reduction of such materials as limestone, shale, slate, chalk, gypsum, phosphate rock, asbestos rock and similar materials. Complete Catalog No. 368A will be sent on request.

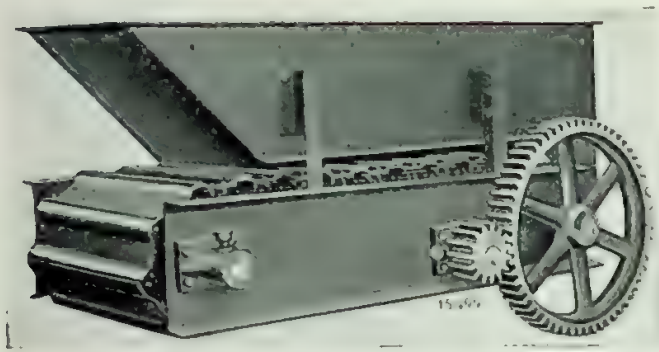


Patents
issued and
pending



Jeffrey Shredders are designed to reduce fibrous materials such as Wood Waste, Paper, Sugar Cane, etc. This machine has a useful application in many industries. Descriptive Catalog on request.

Jeffrey Feeders



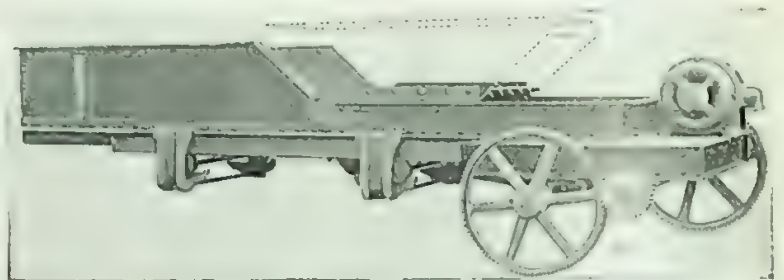
Steel Apron Type

JEFFREY Steel Apron Feeder for handling materials from a track hopper or bin to pulverizer, elevator or conveyor. Furnished in various lengths.

Complete information will be furnished upon request.

Reciprocating Plate Type

JEFFREY Reciprocating Plate Feeder for regulating the flow of material from track hopper or bin to pulverizer, elevator or conveyor. Furnished complete as shown at right with hopper made to suit. Full information upon request.

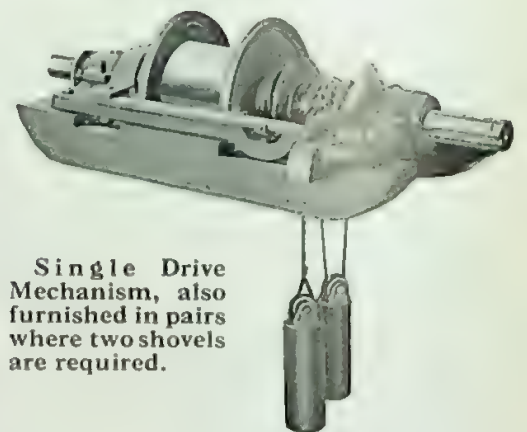


Jeffrey Power Shovel

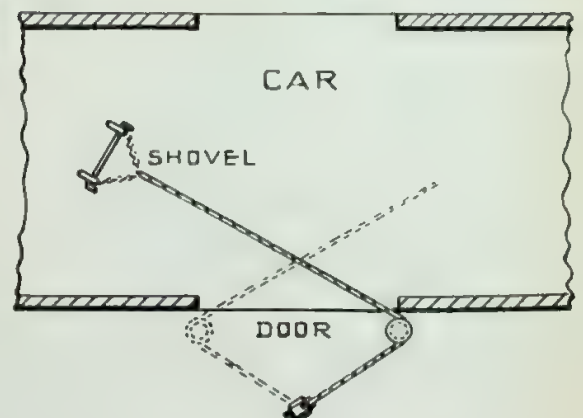


THE Jeffrey Power Shovel is designed for unloading bulk material which is shipped in box cars and is to be unloaded into chutes, hoppers, elevators or conveyors.

Operation of the Power Shovel is very simple and requires but little machinery. Diagram of operation is shown at right, while above is illustrated the driving mechanism.



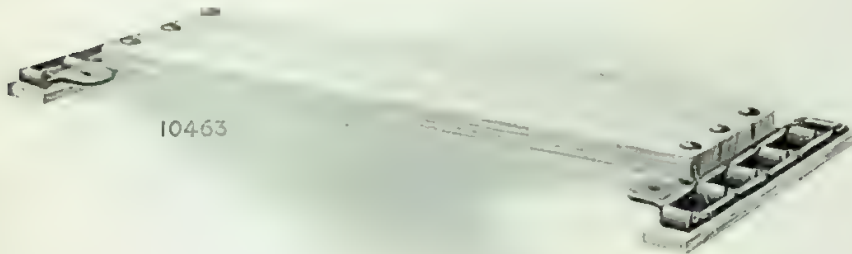
Single Drive Mechanism, also furnished in pairs where two shovels are required.



Jeffrey Apron Conveyors

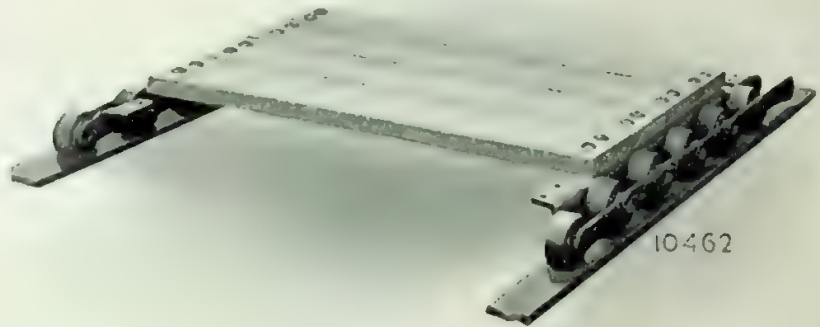
Wooden Types

A GENERAL service conveyor for use in assembly work, also for moving materials from one department or building to another, for shipping platforms, warehouses, etc. Conveyors can be installed at floor level, and arranged to operate horizontally or on an incline. Below are shown two of the several types made to meet various handling conditions and requirements.



Wood apron drag conveyor, using Detachable Link Chain with A-1 or A-3 Attachments to which boards are bolted. Designed for the transfer of packages, light merchandise, etc.

Wood apron conveyor, using malleable roller chain with D-1 Attachments. Used for heavier and more miscellaneous merchandise than type of conveyor illustrated above.



Steel Types

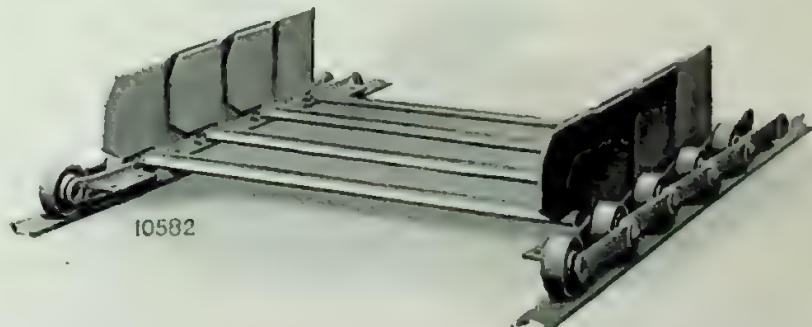
For conveying any kind of loose material which is not of a sticky nature such as coal, ores, stone, gravel, cullets, steel scrap, etc. Two popular types are shown below.

For complete information on Jeffrey Apron Conveyors, send for a copy of our Standard Apron Conveyor Catalog.

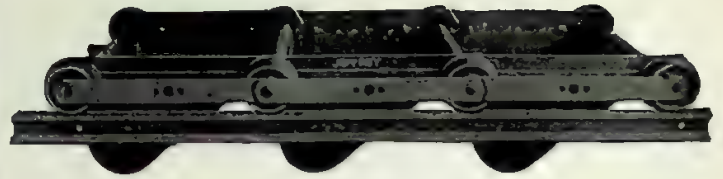


At the right is shown the Jeffrey Single Curved Apron used extensively for Lehr Conveyors. This apron is similar to the lapped apron shown below except that the pieces of steel are curved at one end and butted to each other to form a continuous smooth surface.

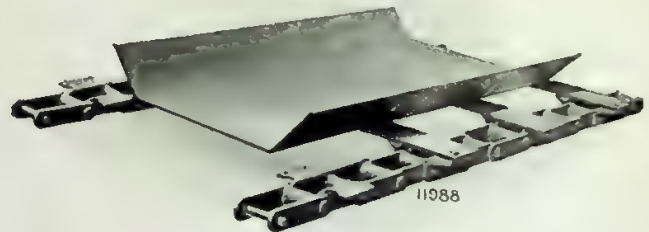
Steel Apron Conveyor using No. 126 Malleable Roller Chain. A general service conveyor adapted to much the same service as the type illustrated above, but for heavier duty.



Jeffrey Pan Conveyors



Round Bottom Type Mounted on Steel Thimble Roller Chain

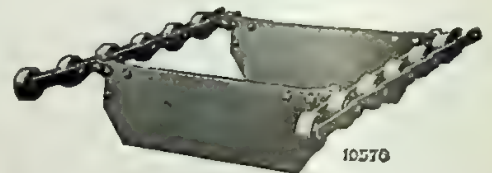


Flat Bottom Pan Mounted on Hercules Chain

THE Jeffrey Pan Conveyor is well adapted to the handling of abrasive or semi-abrasive materials, as none of the material comes in contact with the moving parts.

An excellent equipment for handling hot abrasive materials. The pans are mounted between two strands of steel thimble roller chain. Complete information upon request.

Jeffrey Scraper Conveyors



One of the many styles of Flights shown in our Catalog on Standard Scraper Conveyors, sent upon request

JEFFREY Scraper Conveyors offer a wide range of service in the handling of semi-abrasive materials, as they may be installed on the horizontal, on an incline, or as a combination of both, using single or double strands of chains. Complete catalog of Jeffrey Standardized Scraper Conveyors will be furnished upon request.



A general service Scraper Conveyor made up of Jeffrey Detachable Chain with F-2 Attachment and Wooden Flights.

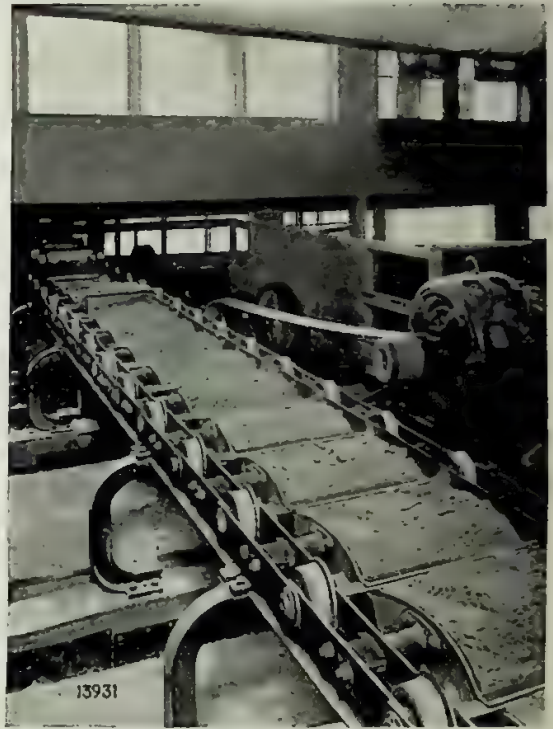
Jeffrey Bucket Conveyors

Pivoted Bucket Type

A CONVEYOR for handling materials in both a horizontal and vertical direction. Besides the handling of coal and ashes in power plant service, the Jeffrey Pivoted Bucket Carrier is adaptable to many other uses, of which the accompanying illustration is typical. Overlapping lips of the buckets form a continuous conveyor, thus requiring no automatic loader. Buckets are automatically discharged either at a fixed point or at any point along the horizontal.



Complete Catalog upon request



Handling silica mud in a refractories plant

V Bucket Type

THE V-Bucket Conveyor may be used either as a rectangular or run-a-round conveyor conforming to the interior cross section of a building, or as a combined elevator and conveyor in which material is lifted vertically and then carried horizontally.



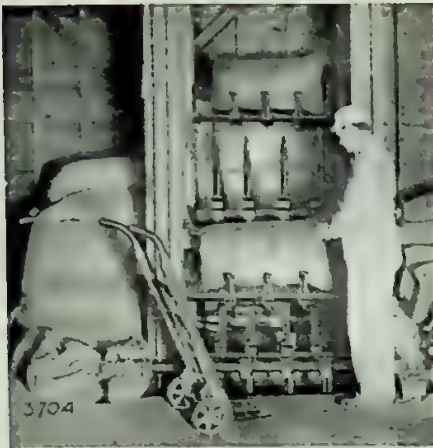
Distributing Coal over Bunkers in a power house



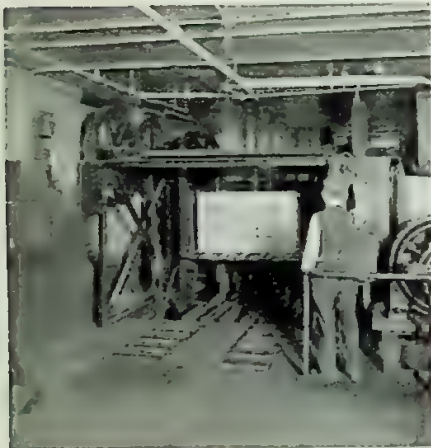
Buckets may be mounted on various types of chains to suit requirements.

Jeffrey Tray Elevators

For Light and Heavy Service in all Industries



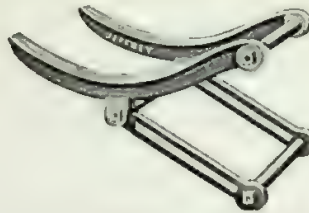
Handling Sacks in a Warehouse



Handling Boxes in a Chicago Department Store.



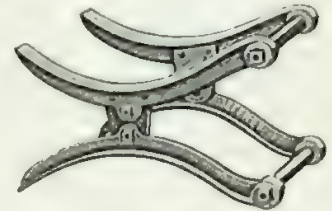
Handling Glazed Tile in a Tile Plant



B-1 Rigid Curved Arms

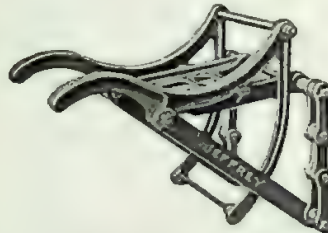
Made in Light and Heavy Designs.

Receive at the bottom or at any floor going up and deliver over the top only. A popular type, simple, cheap and durable.



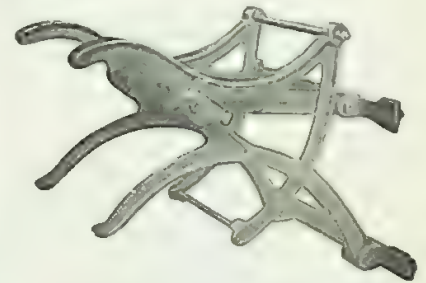
B-2 Rigid Curved Double Arms

Receive loads at any floor going up and discharge over top. Also receive and discharge at various floors going down.



**Receiving Position
B-10 Curved Tilting Arms**

Receives and delivers loads going up only. Trip lugs placed at various floors engage the ends of the arms and discharge the loads.



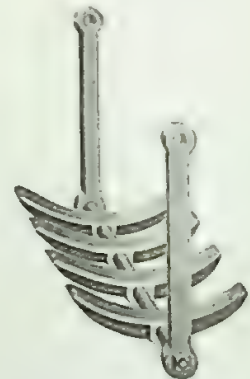
B-11 Combined Rigid and Tilting Arms

Receive and deliver at various floors going up same as B-10 and also when going down.

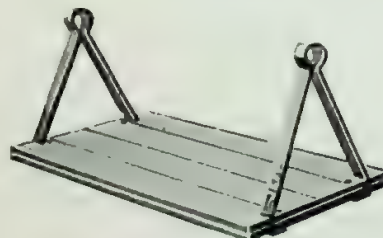


13064

T-4 Combination Fingers
Also made with straight fingers.



T-2 Curved Fingers



T-3 Wood or Steel Platform Tray

Platform Trays are made in small and large sizes for light and heavy duty from the handling of napkins, table ware, cans, etc., to heavy boxes, barrels, sewer tile, etc.



B-3 "Set of Four" Rigid Curved Arms

Receive and deliver same as B-1 Arms. Outside arms take Barrels—inside arms Kegs and Sacks, thus giving a wider range of service.

Detailed information on request.

Jeffrey Portable Equipments

Bag Stacker

FOR service in almost every industry where general merchandise such as bags, boxes and cartons is to be stacked in tiers. Its use is not limited alone to the stacking of materials as it serves equally well in "breaking-down" the piles or for loading onto shipping platforms and into cars. Stacks to a height of 25 feet.



Barrel Loader

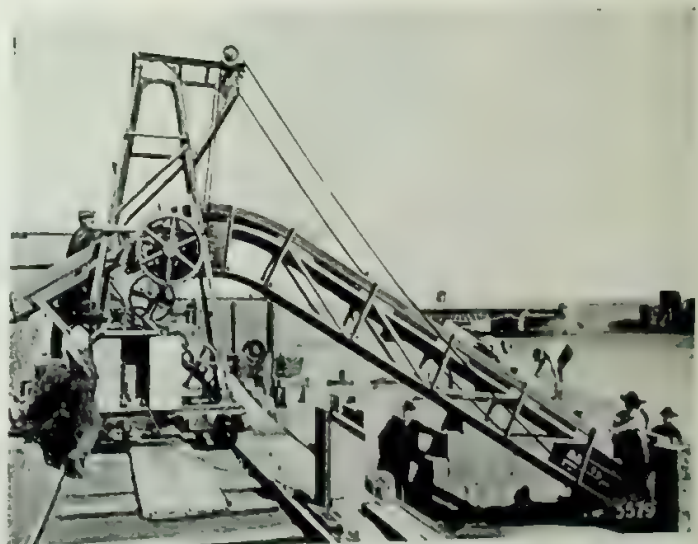
THE Portable Barrel Loader can be profitably used wherever a large number of barrels are to be handled. With it two men can handle barrels weighing 500 pounds at the rate of about 180 per hour.

Being equipped with two points of discharge, 5 ft. and 8 ft. above the ground, it is not only fitted to the loading of barrels to cars or platform, but also readily assists in the stacking of one tier upon another.



Freight Unloader

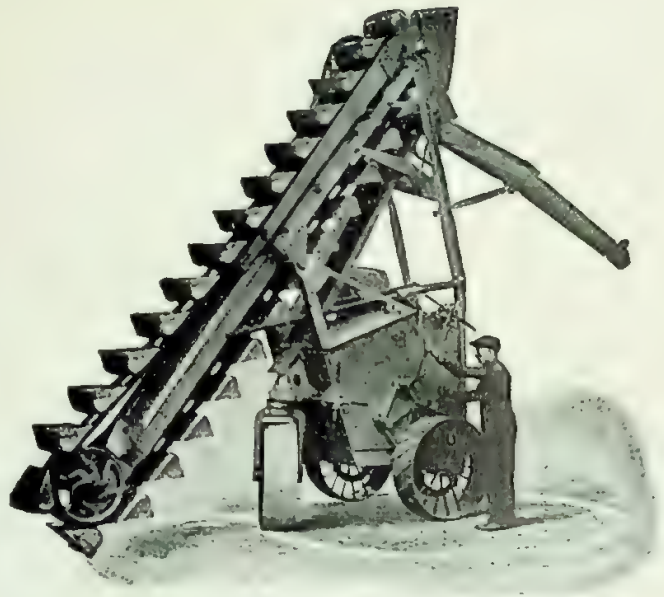
THE Freight Unloader mounted upon a self propelled truck is a very efficient means of unloading all kinds of boxes and packages from boats or barges to a wharf. By raising or lowering the boom it is readily adjustable to tide or dock conditions.



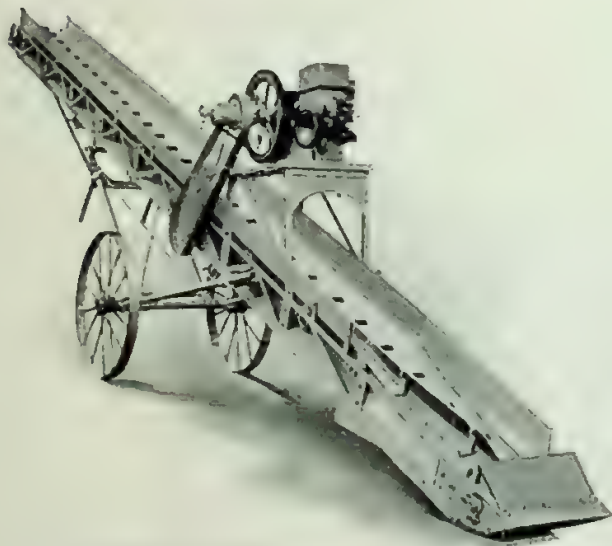
Jeffrey Portable Loaders and Unloaders

ON this page is shown the complete line of Jeffrey Portable Loading and Unloading Equipments for the handling of various classes of materials from railroad cars to storage or trucks and for reclaiming from ground storage. These equipments are the result of many years of experience in building this type of machinery to meet the requirements of coal yards, builders supply yards, industrial yards, etc. A separate catalog describing each will be furnished upon request.

At the right—Jeffrey Portable Bucket Loader, built in two types with capacities ranging from 1 to 2 cubic yards per minute. Equipped with either Gasoline Engine or Electric Motor. Caterpillar mounting also can be furnished.

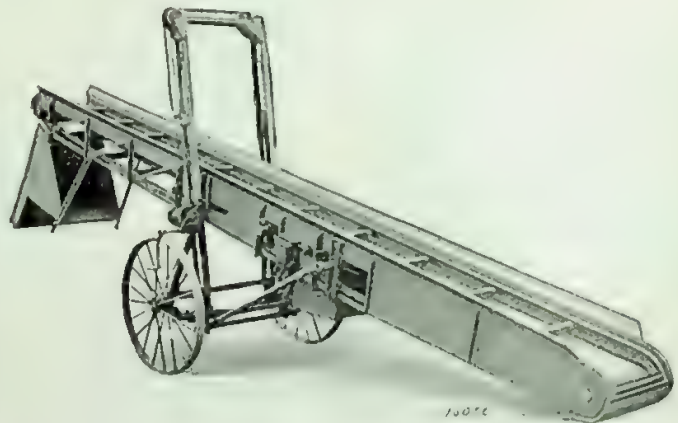


(Patented)



(Patents Pending)

Jeffrey Portable Belt Conveyor for handling Sand, Gravel, Stone, Coal, Coke and similar materials; also Bricks, Boxes, etc. Built in 18, 24 and 30 foot lengths. Furnished with electric motor or gasoline engine.



(Patents Pending)

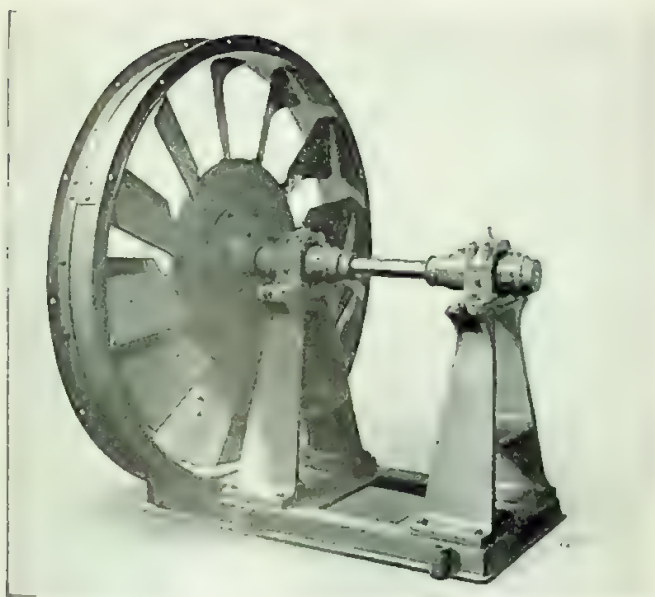
Portable Scraper Conveyor, designed especially for handling coal up to 20 inch lumps. Built in 20, 25 and 30 foot lengths. Furnished with motor or gasoline engine.

The Jeffrey X-TRACK-TOR Car Unloader is designed for unloading such materials as coal, coke, crushed stone, gravel, sand, etc. from hopper bottom railroad cars. This machine does not require a pit or any special arrangement, but fits over the rails directly beneath hopper bottom doors. Furnished with electric motor or gasoline engine.

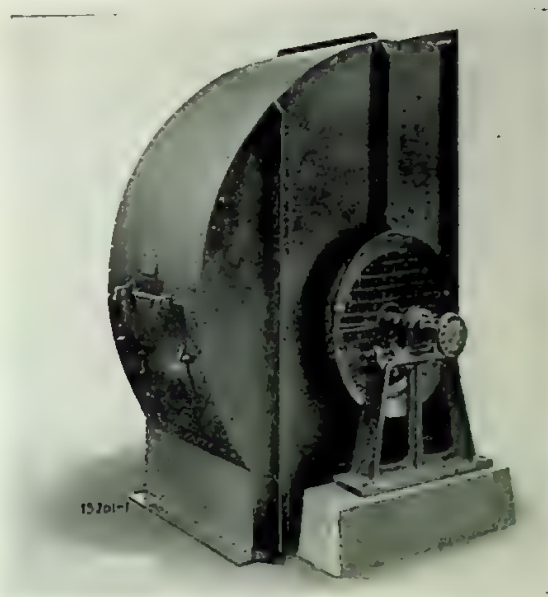


(Patents Pending)

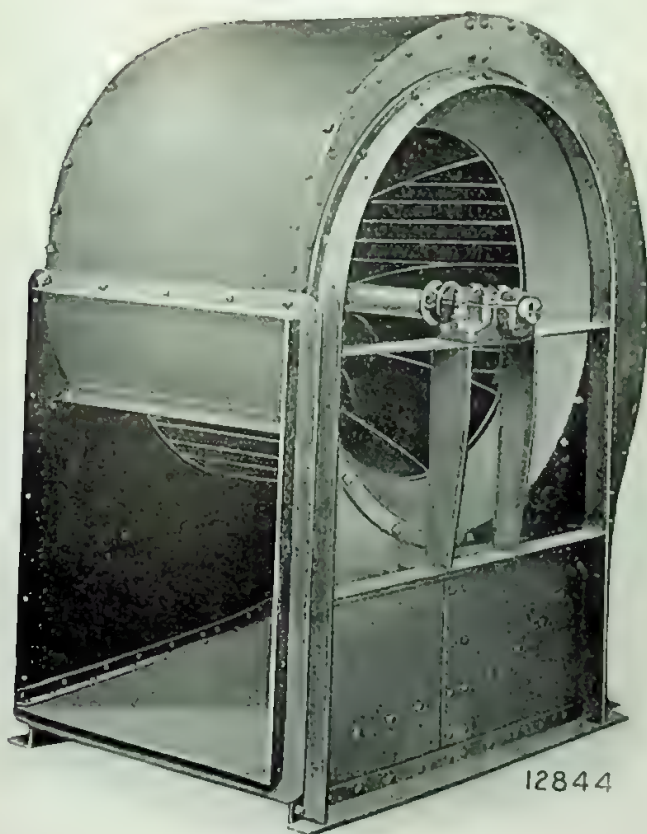
Jeffrey Industrial Fans and Blowers



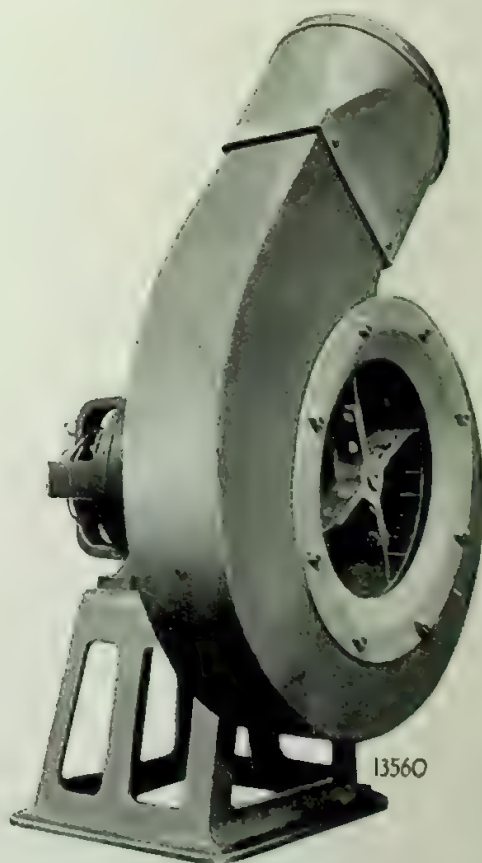
Jeffrey Straitflo Fans are made in sizes from 4' to 8'.
These fans are used against low pressures.
Write for Bulletin No. 348.



(Patent Pending)
Jeffrey Safeload Fan which has full backward
curved blades. These fans are ideal for
direct connection to electric motors.
Send for Catalog No. 440.



Jeffrey Stepped Multi-Bladed Fan with forward
curved blades. Built in sizes from 2' to 20'.
Write for Catalog No. 370.



Jeffrey Universal Blowers for use where small
volume and high pressure are required.
Ask for Bulletin No. 408.

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